

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011129.D
 Acq On : 27 Oct 2022 09:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

10/28/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Oct 28 00:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	223957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166067	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	83326	40.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.780%
35) Dibromofluoromethane	7.710	113	89238	45.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.179	98	296250	40.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.600%
62) 4-Bromofluorobenzene	12.477	95	115703	44.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	67924	45.724	ug/l	99
3) Chloromethane	2.113	50	85867	40.290	ug/l	96
4) Vinyl Chloride	2.247	62	102349	42.370	ug/l	99
5) Bromomethane	2.643	94	69325	41.493	ug/l	97
6) Chloroethane	2.790	64	71434	44.252	ug/l	99
7) Trichlorofluoromethane	3.125	101	168952	47.785	ug/l	93
8) Diethyl Ether	3.527	74	61123	46.326	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	109320	49.293	ug/l	93
10) Methyl Iodide	4.082	142	118779	43.769	ug/l	92
11) Tert butyl alcohol	4.948	59	64113	278.542	ug/l	97
12) 1,1-Dichloroethene	3.869	96	96492	45.419	ug/l	86
13) Acrolein	3.723	56	71745	215.726	ug/l	97
14) Allyl chloride	4.472	41	154479	45.852	ug/l #	86
15) Acrylonitrile	5.155	53	177112	257.524	ug/l	97
16) Acetone	3.942	43	172074	287.230	ug/l #	85
17) Carbon Disulfide	4.186	76	231692	37.200	ug/l	99
18) Methyl Acetate	4.466	43	82679	49.003	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	298177	50.233	ug/l	100
20) Methylene Chloride	4.710	84	128942	49.300	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	110704	46.157	ug/l	89
22) Diisopropyl ether	6.112	45	372398	51.611	ug/l #	92
23) Vinyl Acetate	6.051	43	1126869	261.167	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	218310	50.112	ug/l	99
25) 2-Butanone	6.978	43	237557	261.477	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	197634	51.087	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	136973	49.553	ug/l	89
28) Bromochloromethane	7.326	49	82217	53.029	ug/l	87
29) Tetrahydrofuran	7.344	42	142235	254.462	ug/l #	86
30) Chloroform	7.502	83	228089	51.939	ug/l	99
31) Cyclohexane	7.777	56	163919	41.523	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	196302	50.853	ug/l	96
36) 1,1-Dichloropropene	7.911	75	158084	48.834	ug/l	98
37) Ethyl Acetate	7.070	43	97128	54.194	ug/l #	94
38) Carbon Tetrachloride	7.893	117	175228	52.438	ug/l	97
39) Methylcyclohexane	9.179	83	178883	46.136	ug/l	91
40) Benzene	8.155	78	480852	50.625	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011129.D
 Acq On : 27 Oct 2022 09:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

10/28/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Oct 28 00:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47610m	49.020	ug/l	
42) 1,2-Dichloroethane	8.234	62	137991	52.432	ug/l	91
43) Isopropyl Acetate	8.271	43	167131	52.193	ug/l #	89
44) Trichloroethene	8.935	130	126954	49.323	ug/l	96
45) 1,2-Dichloropropane	9.209	63	128562	53.347	ug/l	95
46) Dibromomethane	9.301	93	70734	52.625	ug/l	96
47) Bromodichloromethane	9.490	83	177754	54.878	ug/l	100
48) Methyl methacrylate	9.289	41	76438	53.337	ug/l #	81
49) 1,4-Dioxane	9.295	88	21877	1132.811	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	498175	278.960	ug/l	88
52) Toluene	10.240	92	305236	51.728	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	177311	52.693	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	203841	52.936	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	106684	55.018	ug/l	99
56) Ethyl methacrylate	10.508	69	139691	54.241	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	179485	53.836	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	347883	271.451	ug/l	98
59) 2-Hexanone	10.831	43	354265	288.793	ug/l	85
60) Dibromochloromethane	10.983	129	128019	55.522	ug/l	100
61) 1,2-Dibromoethane	11.087	107	97976	52.763	ug/l	99
64) Tetrachloroethene	10.715	164	125677	50.367	ug/l	97
65) Chlorobenzene	11.514	112	333946	50.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	129697	53.247	ug/l	97
67) Ethyl Benzene	11.587	91	599285	51.475	ug/l	99
68) m/p-Xylenes	11.697	106	462869	103.352	ug/l	95
69) o-Xylene	12.026	106	220456	51.840	ug/l	94
70) Styrene	12.038	104	383591	53.234	ug/l	96
71) Bromoform	12.203	173	81618	54.294	ug/l #	100
73) Isopropylbenzene	12.325	105	591510	49.027	ug/l	100
74) N-amyl acetate	12.142	43	150284	49.094	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	128807	50.870	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	91397m	48.476	ug/l	
77) Bromobenzene	12.605	156	137350	48.702	ug/l	100
78) n-propylbenzene	12.672	91	734417	50.031	ug/l	100
79) 2-Chlorotoluene	12.751	91	409348	49.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	501294	49.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	45172	51.529	ug/l #	83
82) 4-Chlorotoluene	12.849	91	425284	49.409	ug/l	100
83) tert-Butylbenzene	13.075	119	442346	50.815	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	501596	50.531	ug/l	100
85) sec-Butylbenzene	13.251	105	659417	50.411	ug/l	100
86) p-Isopropyltoluene	13.367	119	546094	50.324	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	278297	49.445	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	273423	48.858	ug/l	99
89) n-Butylbenzene	13.696	91	513137	50.603	ug/l	99
90) Hexachloroethane	13.959	117	108891	50.846	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	250078	49.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20859	49.824	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	146814	48.781	ug/l	99
94) Hexachlorobutadiene	15.111	225	87465	49.373	ug/l	99
95) Naphthalene	15.233	128	305570	49.855	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	128018	48.757	ug/l	98

10/31/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011129.D
Acq On : 27 Oct 2022 09:52
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 28 00:45:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

10/28/2022
Supervised By :Mahesh
Dadoda

10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011129.D
 Acq On : 27 Oct 2022 09:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 28 00:45:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/28/2022
 Supervised By :Mahesh
 Dadoda

10/31/2022

