

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011405.D
 Acq On : 11 Nov 2022 09:37
 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 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 11 13:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	277707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105962	45.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.060%		
35) Dibromofluoromethane	7.710	113	113776	47.913	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.820%		
50) Toluene-d8	10.179	98	414672	45.709	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.420%		
62) 4-Bromofluorobenzene	12.477	95	155803	49.239	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82571	49.856	ug/l	100
3) Chloromethane	2.113	50	102712	46.019	ug/l	97
4) Vinyl Chloride	2.247	62	125025	47.520	ug/l	98
5) Bromomethane	2.643	94	89441	46.946	ug/l	96
6) Chloroethane	2.790	64	84749	48.510	ug/l	98
7) Trichlorofluoromethane	3.119	101	209127	50.378	ug/l	98
8) Diethyl Ether	3.527	74	73786	50.618	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	129750	51.555	ug/l	95
10) Methyl Iodide	4.088	142	163317	48.655	ug/l	92
11) Tert butyl alcohol	4.942	59	72728	254.837	ug/l	100
12) 1,1-Dichloroethene	3.869	96	123243	49.459	ug/l #	79
13) Acrolein	3.729	56	24473	371.879	ug/l	94
14) Allyl chloride	4.478	41	169111	50.289	ug/l #	82
15) Acrylonitrile	5.155	53	186006	267.047	ug/l	97
16) Acetone	3.942	43	181479	295.531	ug/l #	81
17) Carbon Disulfide	4.192	76	347679	46.844	ug/l	99
18) Methyl Acetate	4.472	43	84948	49.868	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	347351	53.299	ug/l	95
20) Methylene Chloride	4.710	84	181298	55.072	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	144068	50.708	ug/l	84
22) Diisopropyl ether	6.112	45	389323	54.247	ug/l #	90
23) Vinyl Acetate	6.051	43	1185403	282.334	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	244022	52.214	ug/l	98
25) 2-Butanone	6.978	43	243893	278.828	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	225268	51.541	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	167437	52.366	ug/l	84
28) Bromochloromethane	7.325	49	90705	53.443	ug/l #	72
29) Tetrahydrofuran	7.344	42	144752	273.193	ug/l #	77
30) Chloroform	7.502	83	261501	52.905	ug/l	100
31) Cyclohexane	7.783	56	201414	48.167	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	229085	51.244	ug/l	93
36) 1,1-Dichloropropene	7.911	75	194209	52.694	ug/l	96
37) Ethyl Acetate	7.069	43	96971	54.772	ug/l #	90
38) Carbon Tetrachloride	7.899	117	215181	53.673	ug/l	99
39) Methylcyclohexane	9.179	83	233662	51.885	ug/l	88
40) Benzene	8.155	78	582185	52.896	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011405.D
 Acq On : 11 Nov 2022 09:37
 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 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 11 13:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47594m	51.914	ug/l	
42) 1,2-Dichloroethane	8.234	62	156777	54.355	ug/l	88
43) Isopropyl Acetate	8.270	43	173416	54.296	ug/l #	84
44) Trichloroethene	8.935	130	162423	52.535	ug/l	98
45) 1,2-Dichloropropane	9.215	63	142422	54.371	ug/l	95
46) Dibromomethane	9.301	93	83962	55.053	ug/l	97
47) Bromodichloromethane	9.496	83	199998	54.734	ug/l	98
48) Methyl methacrylate	9.289	41	81968	57.109	ug/l #	73
49) 1,4-Dioxane	9.295	88	23796	1142.887	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	495581	288.545	ug/l #	83
52) Toluene	10.240	92	378301	53.826	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	207633	55.109	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	235808	54.227	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	123978	56.136	ug/l	98
56) Ethyl methacrylate	10.508	69	163824	57.684	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	204118	55.402	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	331797	252.738	ug/l	93
59) 2-Hexanone	10.831	43	364084	299.233	ug/l	80
60) Dibromochloromethane	10.983	129	151486	55.568	ug/l	100
61) 1,2-Dibromoethane	11.087	107	116272	54.755	ug/l	100
64) Tetrachloroethene	10.715	164	164377	53.109	ug/l	97
65) Chlorobenzene	11.514	112	410834	53.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	157985	54.486	ug/l	98
67) Ethyl Benzene	11.593	91	723357	53.417	ug/l	98
68) m/p-Xylenes	11.703	106	571167	107.584	ug/l	94
69) o-Xylene	12.026	106	269539	53.828	ug/l	94
70) Styrene	12.044	104	469372	55.761	ug/l	94
71) Bromoform	12.209	173	98579	54.850	ug/l #	99
73) Isopropylbenzene	12.331	105	717643	52.495	ug/l	100
74) N-amyl acetate	12.142	43	158541	55.123	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	138453	52.712	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	107536m	46.969	ug/l	
77) Bromobenzene	12.605	156	171377	52.423	ug/l	94
78) n-propylbenzene	12.672	91	866761	53.137	ug/l	98
79) 2-Chlorotoluene	12.757	91	485364	52.029	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	614513	53.295	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	50081	52.579	ug/l #	82
82) 4-Chlorotoluene	12.855	91	510046	52.668	ug/l	98
83) tert-Butylbenzene	13.074	119	527253	52.889	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	609985	53.896	ug/l	98
85) sec-Butylbenzene	13.251	105	779756	53.137	ug/l	99
86) p-Isopropyltoluene	13.367	119	665166	54.076	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	340877	52.234	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	338005	52.376	ug/l	99
89) n-Butylbenzene	13.696	91	594362	53.776	ug/l	98
90) Hexachloroethane	13.958	117	125838	52.287	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	308701	53.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22837	53.363	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	184942	54.193	ug/l	99
94) Hexachlorobutadiene	15.111	225	106759	52.951	ug/l	99
95) Naphthalene	15.233	128	372682	49.816	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	160859	54.584	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011405.D
Acq On : 11 Nov 2022 09:37
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 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 11 13:31:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

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

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

