

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010476.D
 Acq On : 14 Sep 2022 11:12
 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 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 14 15:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114901	51.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.580%	
35) Dibromofluoromethane	7.716	113	112738	45.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.300%	
50) Toluene-d8	10.179	98	413374	51.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.483	95	145882	44.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	73245	48.558	ug/l	99
3) Chloromethane	2.113	50	117058	46.847	ug/l	97
4) Vinyl Chloride	2.247	62	144748	46.955	ug/l	99
5) Bromomethane	2.644	94	98104	45.425	ug/l	97
6) Chloroethane	2.790	64	100105	48.548	ug/l	99
7) Trichlorofluoromethane	3.119	101	187352	47.978	ug/l	95
8) Diethyl Ether	3.528	74	62200	49.182	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	112168	49.061	ug/l	96
10) Methyl Iodide	4.082	142	136380	48.205	ug/l	90
11) Tert butyl alcohol	4.948	59	56209	233.027	ug/l	96
12) 1,1-Dichloroethene	3.869	96	102345	47.717	ug/l	84
13) Acrolein	3.723	56	49778	232.936	ug/l	100
14) Allyl chloride	4.473	41	156854	50.784	ug/l #	94
15) Acrylonitrile	5.155	53	165401	270.169	ug/l	99
16) Acetone	3.942	43	147511	286.952	ug/l #	88
17) Carbon Disulfide	4.186	76	259238	44.695	ug/l	98
18) Methyl Acetate	4.473	43	78632	49.721	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	304914	51.478	ug/l	95
20) Methylene Chloride	4.710	84	134954	54.884	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	115377	47.376	ug/l	87
22) Diisopropyl ether	6.112	45	363938	52.780	ug/l #	95
23) Vinyl Acetate	6.051	43	1143705	270.660	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	213387	51.117	ug/l	99
25) 2-Butanone	6.978	43	221647	271.309	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	202140	50.745	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	139591	49.311	ug/l	89
28) Bromochloromethane	7.332	49	72269	53.996	ug/l	84
29) Tetrahydrofuran	7.344	42	137558	269.787	ug/l #	86
30) Chloroform	7.502	83	228090	51.511	ug/l	99
31) Cyclohexane	7.783	56	175342	46.335	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	203551	50.767	ug/l	96
36) 1,1-Dichloropropene	7.917	75	165715	48.481	ug/l	98
37) Ethyl Acetate	7.070	43	96376	53.635	ug/l	95
38) Carbon Tetrachloride	7.899	117	184275	48.457	ug/l	98
39) Methylcyclohexane	9.179	83	200058	46.939	ug/l	90
40) Benzene	8.155	78	481166	48.900	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010476.D
 Acq On : 14 Sep 2022 11:12
 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 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 14 15:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	55384m	53.915	ug/l	
42) 1,2-Dichloroethane	8.234	62	148131	50.624	ug/l	93
43) Isopropyl Acetate	8.271	43	172025	52.312	ug/l #	91
44) Trichloroethene	8.941	130	135347	46.729	ug/l	99
45) 1,2-Dichloropropane	9.216	63	121824	50.764	ug/l	93
46) Dibromomethane	9.301	93	71773	49.595	ug/l	98
47) Bromodichloromethane	9.496	83	175938	51.183	ug/l	98
48) Methyl methacrylate	9.289	41	77626	52.560	ug/l #	86
49) 1,4-Dioxane	9.295	88	19561	1021.080	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	485931	269.399	ug/l	90
52) Toluene	10.240	92	314079	48.777	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	178393	50.429	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	201233	50.435	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	103374	50.216	ug/l	97
56) Ethyl methacrylate	10.508	69	138497	51.228	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	175440	51.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	178954	240.352	ug/l	95
59) 2-Hexanone	10.831	43	336586	273.749	ug/l	89
60) Dibromochloromethane	10.984	129	126167	50.152	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97457	48.768	ug/l	99
64) Tetrachloroethene	10.721	164	132178	46.380	ug/l	99
65) Chlorobenzene	11.514	112	342363	48.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	131343	50.153	ug/l	98
67) Ethyl Benzene	11.593	91	613892	49.054	ug/l	98
68) m/p-Xylenes	11.703	106	478226	97.337	ug/l	94
69) o-Xylene	12.032	106	230163	49.062	ug/l	93
70) Styrene	12.044	104	392314	49.410	ug/l	96
71) Bromoform	12.209	173	81336	49.676	ug/l #	100
73) Isopropylbenzene	12.331	105	613756	49.028	ug/l	99
74) N-amyl acetate	12.142	43	153568	52.577	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	120675	51.532	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	95710m	54.050	ug/l	
77) Bromobenzene	12.611	156	143908	48.514	ug/l	94
78) n-propylbenzene	12.672	91	735632	49.625	ug/l	98
79) 2-Chlorotoluene	12.758	91	412972	49.594	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	520105	49.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41476	52.007	ug/l	90
82) 4-Chlorotoluene	12.855	91	426222	49.202	ug/l	98
83) tert-Butylbenzene	13.075	119	452856	49.053	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	514083	49.743	ug/l	98
85) sec-Butylbenzene	13.251	105	677639	49.571	ug/l	99
86) p-Isopropyltoluene	13.373	119	570180	49.310	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	285243	47.887	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	283715	48.101	ug/l	98
89) n-Butylbenzene	13.696	91	524998	50.019	ug/l	99
90) Hexachloroethane	13.965	117	105868	48.764	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	253583	48.066	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20133	50.935	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	157118	47.950	ug/l	99
94) Hexachlorobutadiene	15.111	225	90889	45.972	ug/l	98
95) Naphthalene	15.239	128	323037	49.983	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	133582	46.702	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
Data File : VY010476.D
Acq On : 14 Sep 2022 11:12
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 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 14 15:05:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

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

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

