

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010610.D
 Acq On : 21 Sep 2022 19:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:11:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115841	57.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.600%			
35) Dibromofluoromethane	7.710	113	108357	50.911	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.179	98	422822	53.519	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.477	95	144476	49.461	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33009	32.196	ug/l	97
3) Chloromethane	2.107	50	58835	40.325	ug/l	95
4) Vinyl Chloride	2.241	62	69702	36.495	ug/l	99
5) Bromomethane	2.637	94	49793	38.518	ug/l	98
6) Chloroethane	2.784	64	53479	36.229	ug/l	99
7) Trichlorofluoromethane	3.113	101	98278	35.693	ug/l	93
8) Diethyl Ether	3.521	74	42028	44.518	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	60119	36.279	ug/l	95
10) Methyl Iodide	4.082	142	63981	33.422	ug/l	92
11) Tert butyl alcohol	4.942	59	51268	287.526	ug/l	96
12) 1,1-Dichloroethene	3.863	96	52449	35.445	ug/l	87
13) Acrolein	3.716	56	25916	277.958	ug/l	99
14) Allyl chloride	4.466	41	89342	40.049	ug/l #	93
15) Acrylonitrile	5.155	53	134709	274.918	ug/l	98
16) Acetone	3.942	43	102193	250.027	ug/l	92
17) Carbon Disulfide	4.186	76	106310	35.549	ug/l	98
18) Methyl Acetate	4.466	43	72710	63.438	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	218270	47.313	ug/l	96
20) Methylene Chloride	4.704	84	82112	33.911	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	62130	37.312	ug/l	89
22) Diisopropyl ether	6.112	45	246560	46.821	ug/l #	93
23) Vinyl Acetate	6.051	43	791851	254.544	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	133207	42.147	ug/l	99
25) 2-Butanone	6.978	43	176048	275.370	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	112246	36.932	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	86651	41.769	ug/l	88
28) Bromochloromethane	7.326	49	90659	60.008	ug/l #	85
29) Tetrahydrofuran	7.338	42	111348	283.570	ug/l #	86
30) Chloroform	7.502	83	149378	43.686	ug/l	98
31) Cyclohexane	7.777	56	86085	37.326	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	121145	39.808	ug/l	96
36) 1,1-Dichloropropene	7.911	75	88360	37.260	ug/l	97
37) Ethyl Acetate	7.069	43	75241	54.930	ug/l	96
38) Carbon Tetrachloride	7.893	117	104591	38.357	ug/l	99
39) Methylcyclohexane	9.179	83	92959	33.491	ug/l	90
40) Benzene	8.155	78	288657	40.830	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010610.D
 Acq On : 21 Sep 2022 19:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:11:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	39689m	56.808	ug/l	
42) 1,2-Dichloroethane	8.234	62	101421	46.588	ug/l	92
43) Isopropyl Acetate	8.264	43	133285	53.085	ug/l #	93
44) Trichloroethene	8.935	130	78485	38.781	ug/l	98
45) 1,2-Dichloropropane	9.209	63	81901	44.782	ug/l	95
46) Dibromomethane	9.301	93	52189	48.593	ug/l	96
47) Bromodichloromethane	9.490	83	123327	46.505	ug/l	99
48) Methyl methacrylate	9.289	41	61756	55.718	ug/l #	88
49) 1,4-Dioxane	9.289	88	17296	1095.153	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	412872	291.257	ug/l	91
52) Toluene	10.240	92	189519	40.971	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	123152	45.927	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	133860	44.776	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	77447	49.024	ug/l	97
56) Ethyl methacrylate	10.508	69	103787	50.713	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	127098	48.570	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	329172	281.324	ug/l	96
59) 2-Hexanone	10.831	43	285402	297.041	ug/l	89
60) Dibromochloromethane	10.983	129	93886	48.564	ug/l	98
61) 1,2-Dibromoethane	11.087	107	70783	47.860	ug/l	100
64) Tetrachloroethene	10.715	164	77100	37.442	ug/l	98
65) Chlorobenzene	11.514	112	222612	41.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	91492	44.057	ug/l	98
67) Ethyl Benzene	11.587	91	372394	39.784	ug/l	97
68) m/p-Xylenes	11.697	106	288945	79.685	ug/l	93
69) o-Xylene	12.026	106	144067	40.751	ug/l	92
70) Styrene	12.044	104	258845	43.100	ug/l	96
71) Bromoform	12.203	173	64135	49.736	ug/l #	99
73) Isopropylbenzene	12.325	105	374616	37.504	ug/l	100
74) N-amyl acetate	12.142	43	116789	48.216	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	98861	48.570	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	84826m	54.990	ug/l	
77) Bromobenzene	12.605	156	98513	41.451	ug/l	99
78) n-propylbenzene	12.666	91	446637	37.539	ug/l	98
79) 2-Chlorotoluene	12.751	91	266399	39.296	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	320267	37.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	32397	46.696	ug/l	90
82) 4-Chlorotoluene	12.849	91	271414	38.771	ug/l	98
83) tert-Butylbenzene	13.075	119	286879	38.007	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	321989	38.402	ug/l	98
85) sec-Butylbenzene	13.251	105	413824	37.435	ug/l	100
86) p-Isopropyltoluene	13.367	119	347085	37.572	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	190270	39.444	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	191648	40.141	ug/l	99
89) n-Butylbenzene	13.696	91	312996	36.908	ug/l	99
90) Hexachloroethane	13.959	117	70545	39.773	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	181864	42.323	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17263	50.826	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	101664	38.784	ug/l	98
94) Hexachlorobutadiene	15.111	225	56606	35.529	ug/l	98
95) Naphthalene	15.233	128	245341	46.450	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	94603	41.448	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
Data File : VY010610.D
Acq On : 21 Sep 2022 19:38
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 06:11:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

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

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

