

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007718.D
 Acq On : 03 Mar 2022 21:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 04 00:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	427456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	659552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	593749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	296511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	187090	41.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.620%		
35) Dibromofluoromethane	7.716	113	195416	46.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.680%		
50) Toluene-d8	10.179	98	669450	43.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.260%		
62) 4-Bromofluorobenzene	12.483	95	225303	45.030	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	145969	52.285	ug/l	98
3) Chloromethane	2.113	50	212394	48.150	ug/l	95
4) Vinyl Chloride	2.253	62	320497	49.978	ug/l	96
5) Bromomethane	2.656	94	292061	56.351	ug/l	99
6) Chloroethane	2.796	64	253191	51.484	ug/l	99
7) Trichlorofluoromethane	3.131	101	378254	51.626	ug/l	92
8) Diethyl Ether	3.527	74	120894	51.278	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	225387	50.393	ug/l	97
10) Methyl Iodide	4.094	142	280960	51.632	ug/l	91
11) Tert butyl alcohol	4.954	59	94352	243.523	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	197720	49.811	ug/l	91
13) Acrolein	3.735	56	67934	198.828	ug/l	98
14) Allyl chloride	4.484	41	260868	43.693	ug/l #	82
15) Acrylonitrile	5.167	53	288957	232.196	ug/l	99
16) Acetone	3.948	43	202474	222.413	ug/l #	88
17) Carbon Disulfide	4.198	76	472629	49.183	ug/l	100
18) Methyl Acetate	4.472	43	118730	43.885	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	639611	51.918	ug/l	94
20) Methylene Chloride	4.716	84	252071	58.401	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	231059	49.887	ug/l	83
22) Diisopropyl ether	6.118	45	692834	48.575	ug/l #	92
23) Vinyl Acetate	6.057	43	2262424	250.828	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	428349	49.704	ug/l	99
25) 2-Butanone	6.984	43	356583	233.497	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	381992	49.808	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	277944	51.177	ug/l	87
28) Bromochloromethane	7.332	49	159011	43.386	ug/l #	77
29) Tetrahydrofuran	7.344	42	232805	222.796	ug/l #	79
30) Chloroform	7.508	83	462860	51.841	ug/l	100
31) Cyclohexane	7.789	56	333575	48.241	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	419485	52.792	ug/l	96
36) 1,1-Dichloropropene	7.917	75	325674	49.097	ug/l	98
37) Ethyl Acetate	7.075	43	168047	45.868	ug/l	95
38) Carbon Tetrachloride	7.905	117	375986	53.136	ug/l	97
39) Methylcyclohexane	9.185	83	398017	48.823	ug/l #	86
40) Benzene	8.161	78	941477	50.999	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	82151m	46.922	ug/l	
42) 1,2-Dichloroethane	8.240	62	296304	51.438	ug/l	94
43) Isopropyl Acetate	8.270	43	330894	48.837	ug/l #	90
44) Trichloroethene	8.941	130	266316	51.943	ug/l	95
45) 1,2-Dichloropropane	9.215	63	241179	50.520	ug/l	96
46) Dibromomethane	9.307	93	150269	52.438	ug/l	99
47) Bromodichloromethane	9.496	83	362260	53.898	ug/l	98
48) Methyl methacrylate	9.289	41	139158	47.384	ug/l #	77
49) 1,4-Dioxane	9.301	88	34208	988.786	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	875480	241.492	ug/l	88
52) Toluene	10.246	92	613243	51.376	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	359536	52.101	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	395308	51.850	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	208922	53.590	ug/l	98
56) Ethyl methacrylate	10.508	69	273211	52.786	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	344516	52.259	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	699153	247.690	ug/l	93
59) 2-Hexanone	10.831	43	590426	241.843	ug/l	86
60) Dibromochloromethane	10.983	129	266711	57.455	ug/l	98
61) 1,2-Dibromoethane	11.087	107	200654	53.999	ug/l	99
64) Tetrachloroethene	10.721	164	228859	52.000	ug/l	100
65) Chlorobenzene	11.514	112	689057	53.268	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	275110	56.872	ug/l	98
67) Ethyl Benzene	11.593	91	1226610	52.581	ug/l	97
68) m/p-Xylenes	11.703	106	968865	108.243	ug/l	91
69) o-Xylene	12.026	106	457757	53.968	ug/l	92
70) Styrene	12.044	104	774435	54.529	ug/l	95
71) Bromoform	12.209	173	169959	56.427	ug/l #	100
73) Isopropylbenzene	12.331	105	1231950	53.332	ug/l	99
74) N-amyl acetate	12.142	43	302448	49.186	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	247582	51.102	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	176067m	53.171	ug/l	
77) Bromobenzene	12.605	156	291387	54.765	ug/l	89
78) n-propylbenzene	12.672	91	1464325	52.534	ug/l	98
79) 2-Chlorotoluene	12.757	91	802653	53.812	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	1018920	55.164	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	80096	49.450	ug/l	88
82) 4-Chlorotoluene	12.855	91	815625	53.162	ug/l	95
83) tert-Butylbenzene	13.074	119	915829	53.904	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	1089719	59.895	ug/l	97
85) sec-Butylbenzene	13.251	105	1345571	53.539	ug/l	98
86) p-Isopropyltoluene	13.367	119	1124222	54.159	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	587404	55.479	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	564524	54.022	ug/l	98
89) n-Butylbenzene	13.696	91	1028198	52.409	ug/l	98
90) Hexachloroethane	13.958	117	219361	55.750	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	516339	54.921	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35455	48.323	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	315792	53.057	ug/l	99
94) Hexachlorobutadiene	15.111	225	188010	53.427	ug/l	99
95) Naphthalene	15.233	128	675712	55.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	274268	51.703	ug/l	99

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ALS Vial : 31 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY007718.D
 Acq On : 03 Mar 2022 21:25
 Operator : SY/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050

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