

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006617.D
 Acq On : 03 Nov 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 21:59:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/09/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	161609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	246762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113003	56.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.640%			
35) Dibromofluoromethane	7.728	113	81250	55.695	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.380%			
50) Toluene-d8	10.185	98	332266	53.728	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.483	95	115844	55.608	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	65639	43.939	ug/l	99
3) Chloromethane	2.119	50	98238	48.719	ug/l	98
4) Vinyl Chloride	2.259	62	101489	45.067	ug/l	97
5) Bromomethane	2.656	94	71705	47.794	ug/l	100
6) Chloroethane	2.802	64	62957	47.343	ug/l	96
7) Trichlorofluoromethane	3.137	101	136369	47.690	ug/l	98
8) Diethyl Ether	3.540	74	53484	57.112	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.918	101	76354	52.448	ug/l	96
10) Methyl Iodide	4.107	142	69710	44.420	ug/l	96
11) Tert butyl alcohol	4.966	59	54428	301.262	ug/l	100
12) 1,1-Dichloroethene	3.881	96	75654	51.852	ug/l	95
13) Acrolein	3.735	56	42121	337.240	ug/l	97
14) Allyl chloride	4.497	41	178956	59.592	ug/l	93
15) Acrylonitrile	5.174	53	168141	318.830	ug/l	99
16) Acetone	3.960	43	155877	272.208	ug/l	99
17) Carbon Disulfide	4.210	76	249483	52.133	ug/l	99
18) Methyl Acetate	4.491	43	125568	67.622	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	278601	59.559	ug/l	98
20) Methylene Chloride	4.735	84	98835	56.090	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	87382	52.812	ug/l	94
22) Diisopropyl ether	6.131	45	376866	62.969	ug/l	97
23) Vinyl Acetate	6.076	43	1140718	313.372	ug/l	98
24) 1,1-Dichloroethane	6.033	63	177885	56.842	ug/l	100
25) 2-Butanone	6.996	43	245849	327.706	ug/l	99
26) 2,2-Dichloropropane	6.996	77	143540	48.223	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	103544	54.817	ug/l	97
28) Bromochloromethane	7.344	49	72518	57.114	ug/l	93
29) Tetrahydrofuran	7.356	42	155014	336.794	ug/l	97
30) Chloroform	7.515	83	174309	53.935	ug/l	100
31) Cyclohexane	7.795	56	165782	51.493	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	149778	50.191	ug/l	99
36) 1,1-Dichloropropene	7.923	75	131426	50.819	ug/l	98
37) Ethyl Acetate	7.082	43	107100	65.437	ug/l	98
38) Carbon Tetrachloride	7.911	117	130901	45.883	ug/l	99
39) Methylcyclohexane	9.191	83	158515	50.351	ug/l	96
40) Benzene	8.167	78	385009	52.197	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	59756m	64.343	ug/l	
42) 1,2-Dichloroethane	8.246	62	134563	51.087	ug/l	98
43) Isopropyl Acetate	8.283	43	203405	64.063	ug/l	99
44) Trichloroethene	8.947	130	96997	50.989	ug/l	97
45) 1,2-Dichloropropane	9.228	63	105675	57.841	ug/l	100
46) Dibromomethane	9.313	93	56232	56.071	ug/l	96
47) Bromodichloromethane	9.502	83	140239	53.754	ug/l	99
48) Methyl methacrylate	9.301	41	92773	63.044	ug/l	96
49) 1,4-Dioxane	9.307	88	14144	1038.832	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	561695	337.476	ug/l	99
52) Toluene	10.252	92	235466	50.880	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	146424	52.099	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	166215	54.586	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	78162	56.369	ug/l	97
56) Ethyl methacrylate	10.514	69	126195	58.909	ug/l	94
57) 1,3-Dichloropropane	10.794	76	136536	54.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	291184	297.967	ug/l	95
59) 2-Hexanone	10.837	43	355097	294.783	ug/l	97
60) Dibromochloromethane	10.990	129	91533	53.516	ug/l	98
61) 1,2-Dibromoethane	11.093	107	73732	56.478	ug/l	99
64) Tetrachloroethene	10.721	164	117085	54.264	ug/l	99
65) Chlorobenzene	11.520	112	241492	50.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	91446	50.582	ug/l	98
67) Ethyl Benzene	11.599	91	464189	50.761	ug/l	100
68) m/p-Xylenes	11.703	106	343965	99.985	ug/l	100
69) o-Xylene	12.032	106	165561	50.436	ug/l	100
70) Styrene	12.050	104	286675	51.078	ug/l	100
71) Bromoform	12.209	173	60220	52.695	ug/l	98
73) Isopropylbenzene	12.331	105	434860	53.380	ug/l	98
74) N-amyl acetate	12.148	43	180736	66.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	86798	61.544	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73655m	61.376	ug/l	
77) Bromobenzene	12.611	156	100338	52.278	ug/l	91
78) n-propylbenzene	12.672	91	540968	53.734	ug/l	98
79) 2-Chlorotoluene	12.758	91	306658	55.020	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	361555	53.004	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	34762	59.467	ug/l	97
82) 4-Chlorotoluene	12.855	91	313838	54.039	ug/l	97
83) tert-Butylbenzene	13.075	119	310611	52.990	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	357919	52.477	ug/l	99
85) sec-Butylbenzene	13.257	105	463948	52.712	ug/l	99
86) p-Isopropyltoluene	13.373	119	384316	51.182	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	192188	49.892	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	191152	50.469	ug/l	99
89) n-Butylbenzene	13.696	91	366633	51.906	ug/l	99
90) Hexachloroethane	13.965	117	72225	53.259	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	173395	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16975	56.695	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	102085	45.768	ug/l	100
94) Hexachlorobutadiene	15.111	225	63148	44.174	ug/l	100
95) Naphthalene	15.239	128	219048	50.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	88669	45.395	ug/l	99

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

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