

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006749.D
 Acq On : 16 Nov 2021 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 17 04:11:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	129238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79643	47.020	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.728	113	59433	46.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.480%		
50) Toluene-d8	10.185	98	248380	47.208	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.489	95	76182	42.950	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	65691	52.928	ug/l	100
3) Chloromethane	2.125	50	101303	54.256	ug/l	100
4) Vinyl Chloride	2.266	62	99153	52.306	ug/l	98
5) Bromomethane	2.662	94	54678	54.132	ug/l	98
6) Chloroethane	2.808	64	56588	48.795	ug/l	99
7) Trichlorofluoromethane	3.143	101	129139	54.359	ug/l	100
8) Diethyl Ether	3.546	74	41624	52.608	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	67541	53.531	ug/l	97
10) Methyl Iodide	4.113	142	90686	57.500	ug/l	99
11) Tert butyl alcohol	4.966	59	39629	155.572	ug/l	98
12) 1,1-Dichloroethene	3.887	96	68097	54.419	ug/l	95
13) Acrolein	3.747	56	9607	269.600	ug/l	99
14) Allyl chloride	4.497	41	152415	54.074	ug/l	97
15) Acrylonitrile	5.180	53	115568	253.239	ug/l	100
16) Acetone	3.960	43	109997	213.740	ug/l	97
17) Carbon Disulfide	4.210	76	235916	53.410	ug/l	99
18) Methyl Acetate	4.491	43	83225	49.958	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	208212	52.786	ug/l	99
20) Methylene Chloride	4.735	84	78199	51.000	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	77325	54.090	ug/l	98
22) Diisopropyl ether	6.131	45	301470	54.208	ug/l	97
23) Vinyl Acetate	6.070	43	888522	264.580	ug/l	98
24) 1,1-Dichloroethane	6.033	63	151457	53.356	ug/l	99
25) 2-Butanone	6.996	43	161117	216.906	ug/l	99
26) 2,2-Dichloropropane	6.996	77	138242	53.895	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	84624	52.413	ug/l	93
28) Bromochloromethane	7.344	49	67052	50.217	ug/l	89
29) Tetrahydrofuran	7.362	42	107040	250.634	ug/l	94
30) Chloroform	7.521	83	146836	53.808	ug/l	98
31) Cyclohexane	7.795	56	153115	51.431	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	134332	53.414	ug/l	99
36) 1,1-Dichloropropene	7.929	75	116916	51.964	ug/l	98
37) Ethyl Acetate	7.082	43	72574	48.245	ug/l	99
38) Carbon Tetrachloride	7.911	117	120475	52.350	ug/l	98
39) Methylcyclohexane	9.191	83	141706	51.642	ug/l	98
40) Benzene	8.173	78	328885	51.925	ug/l	100

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41) Methacrylonitrile	7.356	41	69363m	54.916	ug/l	
42) 1,2-Dichloroethane	8.246	62	109050	51.678	ug/l	99
43) Isopropyl Acetate	8.283	43	140004	49.615	ug/l	99
44) Trichloroethene	8.947	130	83968	54.495	ug/l	100
45) 1,2-Dichloropropane	9.222	63	76413	46.759	ug/l	97
46) Dibromomethane	9.313	93	41698	48.990	ug/l	96
47) Bromodichloromethane	9.502	83	110032	50.906	ug/l	98
48) Methyl methacrylate	9.301	41	54615	40.851	ug/l	96
49) 1,4-Dioxane	9.301	88	9951	1018.899	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	364161	245.000	ug/l	98
52) Toluene	10.252	92	200908	52.236	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	123387	52.516	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	135766	51.524	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	58297	51.305	ug/l	95
56) Ethyl methacrylate	10.514	69	91804	51.978	ug/l	98
57) 1,3-Dichloropropane	10.795	76	108589	52.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	224330	231.987	ug/l	99
59) 2-Hexanone	10.837	43	252545	233.304	ug/l	99
60) Dibromochloromethane	10.990	129	70158	50.370	ug/l	99
61) 1,2-Dibromoethane	11.093	107	54310	51.589	ug/l	99
64) Tetrachloroethene	10.727	164	70534	52.424	ug/l	98
65) Chlorobenzene	11.520	112	199933	53.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	67930	48.492	ug/l	99
67) Ethyl Benzene	11.599	91	362131	51.002	ug/l	99
68) m/p-Xylenes	11.709	106	269562	99.616	ug/l	99
69) o-Xylene	12.032	106	127182	49.613	ug/l	99
70) Styrene	12.050	104	217097	50.145	ug/l	99
71) Bromoform	12.215	173	40390	47.635	ug/l #	97
73) Isopropylbenzene	12.337	105	339991	54.637	ug/l	98
74) N-amyl acetate	12.148	43	111542	49.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	60885	52.882	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47516m	53.484	ug/l	
77) Bromobenzene	12.611	156	75690	53.409	ug/l	97
78) n-propylbenzene	12.678	91	424160	55.913	ug/l	99
79) 2-Chlorotoluene	12.764	91	231692	55.813	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	285625	56.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23028	51.361	ug/l #	74
82) 4-Chlorotoluene	12.861	91	241534	55.659	ug/l	98
83) tert-Butylbenzene	13.081	119	245446	55.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	282112	55.403	ug/l	98
85) sec-Butylbenzene	13.258	105	367521	55.714	ug/l	99
86) p-Isopropyltoluene	13.373	119	307823	55.123	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	150829	53.441	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	148580	53.347	ug/l	100
89) n-Butylbenzene	13.703	91	300140	56.960	ug/l	99
90) Hexachloroethane	13.965	117	55294	54.943	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	130780	53.767	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10670	52.427	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	81413	51.162	ug/l	99
94) Hexachlorobutadiene	15.117	225	54353	52.349	ug/l	99
95) Naphthalene	15.239	128	148889	50.580	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	67759	51.101	ug/l	100

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

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