

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006544.D
 Acq On : 01 Nov 2021 11:28
 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 01 14:54:08 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 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	179771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102296	46.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.480%			
35) Dibromofluoromethane	7.722	113	78372	50.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.320%			
50) Toluene-d8	10.185	98	336859	50.856	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.483	95	114425	51.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	80720	48.575	ug/l	99
3) Chloromethane	2.119	50	115809	51.631	ug/l	100
4) Vinyl Chloride	2.259	62	130402	52.055	ug/l	99
5) Bromomethane	2.649	94	81734	48.975	ug/l	99
6) Chloroethane	2.796	64	75608	51.112	ug/l	99
7) Trichlorofluoromethane	3.131	101	162632	51.129	ug/l	98
8) Diethyl Ether	3.533	74	52265	50.172	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.911	101	89981	55.564	ug/l	97
10) Methyl Iodide	4.100	142	87986	49.720	ug/l	96
11) Tert butyl alcohol	4.966	59	38677	192.451	ug/l	99
12) 1,1-Dichloroethene	3.881	96	88594	54.587	ug/l	97
13) Acrolein	3.735	56	31956	230.006	ug/l	99
14) Allyl chloride	4.490	41	198315	59.367	ug/l	95
15) Acrylonitrile	5.167	53	135640	231.217	ug/l	99
16) Acetone	3.948	43	149724	235.048	ug/l	98
17) Carbon Disulfide	4.204	76	296126	55.628	ug/l	99
18) Methyl Acetate	4.484	43	94933	45.959	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	253407	48.700	ug/l	100
20) Methylene Chloride	4.722	84	106936	54.436	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	99158	53.875	ug/l	96
22) Diisopropyl ether	6.124	45	391358	58.784	ug/l	93
23) Vinyl Acetate	6.063	43	1078337	266.307	ug/l	99
24) 1,1-Dichloroethane	6.027	63	198896	57.134	ug/l	98
25) 2-Butanone	6.990	43	198444	237.793	ug/l	99
26) 2,2-Dichloropropane	6.990	77	179881	54.327	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	112151	53.375	ug/l	95
28) Bromochloromethane	7.338	49	73294	51.893	ug/l #	17
29) Tetrahydrofuran	7.350	42	120170	234.712	ug/l	94
30) Chloroform	7.508	83	187726	52.218	ug/l	98
31) Cyclohexane	7.789	56	203599	56.850	ug/l	95
32) 1,1,1-Trichloroethane	7.709	97	173310	52.209	ug/l	100
36) 1,1-Dichloropropene	7.923	75	152283	54.977	ug/l	99
37) Ethyl Acetate	7.075	43	83889	47.854	ug/l	99
38) Carbon Tetrachloride	7.904	117	153407	50.203	ug/l	99
39) Methylcyclohexane	9.185	83	189172	56.102	ug/l	95
40) Benzene	8.167	78	420653	53.245	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	46885m	47.134	ug/l	
42) 1,2-Dichloroethane	8.240	62	133383	47.278	ug/l	98
43) Isopropyl Acetate	8.276	43	162417	47.759	ug/l	98
44) Trichloroethene	8.941	130	107541	52.781	ug/l	97
45) 1,2-Dichloropropane	9.221	63	109338	55.874	ug/l	96
46) Dibromomethane	9.307	93	52885	49.234	ug/l	96
47) Bromodichloromethane	9.502	83	142501	50.996	ug/l	99
48) Methyl methacrylate	9.294	41	77257	49.016	ug/l	94
49) 1,4-Dioxane	9.294	88	12480	855.791	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	417821	234.376	ug/l	100
52) Toluene	10.246	92	260774	52.609	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	152046	50.509	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	173372	53.158	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	72512	48.824	ug/l	93
56) Ethyl methacrylate	10.514	69	111981	48.805	ug/l	98
57) 1,3-Dichloropropane	10.794	76	134746	49.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	238234	227.607	ug/l	96
59) 2-Hexanone	10.837	43	314681	243.896	ug/l	100
60) Dibromochloromethane	10.989	129	88511	48.315	ug/l	99
61) 1,2-Dibromoethane	11.093	107	67121	48.002	ug/l	99
64) Tetrachloroethene	10.721	164	123585	54.394	ug/l	98
65) Chlorobenzene	11.520	112	266749	52.750	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	98599	51.794	ug/l	99
67) Ethyl Benzene	11.593	91	520409	54.046	ug/l	100
68) m/p-Xylenes	11.703	106	393203	108.547	ug/l	98
69) o-Xylene	12.032	106	185438	53.649	ug/l	98
70) Styrene	12.044	104	314674	53.246	ug/l	99
71) Bromoform	12.209	173	57464	47.754	ug/l #	100
73) Isopropylbenzene	12.331	105	491743	57.711	ug/l	100
74) N-amyl acetate	12.142	43	121940	43.140	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	71149	48.232	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	69509m	55.376	ug/l	
77) Bromobenzene	12.611	156	112266	55.923	ug/l	99
78) n-propylbenzene	12.672	91	616568	58.552	ug/l	99
79) 2-Chlorotoluene	12.757	91	335685	57.582	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	409172	57.349	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29236	47.817	ug/l	90
82) 4-Chlorotoluene	12.855	91	344687	56.743	ug/l	98
83) tert-Butylbenzene	13.074	119	354854	57.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	400343	56.118	ug/l	99
85) sec-Butylbenzene	13.257	105	534522	58.062	ug/l	99
86) p-Isopropyltoluene	13.373	119	448688	57.130	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	216731	53.792	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	211822	53.469	ug/l	99
89) n-Butylbenzene	13.696	91	439130	59.439	ug/l	99
90) Hexachloroethane	13.964	117	80844	56.995	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	184937	52.331	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13922	44.455	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	120773	51.768	ug/l	99
94) Hexachlorobutadiene	15.111	225	78716	52.645	ug/l	98
95) Naphthalene	15.239	128	214208	46.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	100310	49.099	ug/l	98

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

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