

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006594.D
 Acq On : 03 Nov 2021 11:38
 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 03 21:16:51 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	170700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108251	51.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.060%			
35) Dibromofluoromethane	7.728	113	83701	55.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.980%			
50) Toluene-d8	10.185	98	353061	55.708	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.420%			
62) 4-Bromofluorobenzene	12.483	95	117971	55.258	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	77884	49.359	ug/l	98
3) Chloromethane	2.119	50	112959	53.036	ug/l	99
4) Vinyl Chloride	2.259	62	127664	53.671	ug/l	99
5) Bromomethane	2.662	94	75057	47.364	ug/l	99
6) Chloroethane	2.802	64	55583	39.572	ug/l	92
7) Trichlorofluoromethane	3.137	101	158763	52.565	ug/l	98
8) Diethyl Ether	3.540	74	52414	52.989	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	89400	58.138	ug/l	97
10) Methyl Iodide	4.107	142	87506	51.837	ug/l	97
11) Tert butyl alcohol	4.966	59	38531	201.913	ug/l	99
12) 1,1-Dichloroethene	3.887	96	87648	56.874	ug/l	95
13) Acrolein	3.741	56	34037	258.003	ug/l	99
14) Allyl chloride	4.491	41	198360	62.536	ug/l	94
15) Acrylonitrile	5.174	53	140490	252.210	ug/l	99
16) Acetone	3.954	43	163188	269.798	ug/l	99
17) Carbon Disulfide	4.210	76	287586	56.894	ug/l	99
18) Methyl Acetate	4.491	43	98300	50.118	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	257345	52.085	ug/l	97
20) Methylene Chloride	4.729	84	102558	55.026	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	98788	56.526	ug/l	93
22) Diisopropyl ether	6.131	45	392819	62.139	ug/l	94
23) Vinyl Acetate	6.070	43	1094141	284.568	ug/l	98
24) 1,1-Dichloroethane	6.033	63	198923	60.179	ug/l	99
25) 2-Butanone	6.996	43	210669	265.857	ug/l	95
26) 2,2-Dichloropropane	6.996	77	177238	56.373	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	111431	55.851	ug/l	95
28) Bromochloromethane	7.344	49	77946	58.119	ug/l	90
29) Tetrahydrofuran	7.356	42	127363	261.980	ug/l	93
30) Chloroform	7.515	83	187920	55.050	ug/l	100
31) Cyclohexane	7.795	56	198532	58.381	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	171514	54.413	ug/l	99
36) 1,1-Dichloropropene	7.929	75	152144	57.406	ug/l	98
37) Ethyl Acetate	7.082	43	85949	51.243	ug/l	100
38) Carbon Tetrachloride	7.911	117	150691	51.541	ug/l	99
39) Methylcyclohexane	9.191	83	183531	56.886	ug/l	96
40) Benzene	8.167	78	421455	55.755	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	50644m	53.211	ug/l	
42) 1,2-Dichloroethane	8.246	62	133274	49.372	ug/l	98
43) Isopropyl Acetate	8.283	43	169838	52.196	ug/l	99
44) Trichloroethene	8.947	130	106432	54.594	ug/l	95
45) 1,2-Dichloropropane	9.222	63	111754	59.687	ug/l	100
46) Dibromomethane	9.313	93	53114	51.680	ug/l	96
47) Bromodichloromethane	9.502	83	142762	53.396	ug/l	99
48) Methyl methacrylate	9.301	41	82197	54.505	ug/l	92
49) 1,4-Dioxane	9.301	88	12315	882.600	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	437239	256.341	ug/l	100
52) Toluene	10.252	92	255458	53.863	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	151787	52.699	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	173321	55.541	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	73402	51.654	ug/l	93
56) Ethyl methacrylate	10.514	69	114898	52.337	ug/l	97
57) 1,3-Dichloropropane	10.795	76	138100	53.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	252522	252.149	ug/l	95
59) 2-Hexanone	10.837	43	324994	263.261	ug/l	100
60) Dibromochloromethane	10.990	129	88241	50.342	ug/l	99
61) 1,2-Dibromoethane	11.093	107	67633	50.552	ug/l	100
64) Tetrachloroethene	10.727	164	121159	56.966	ug/l	97
65) Chlorobenzene	11.520	112	259600	54.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95826	53.773	ug/l	97
67) Ethyl Benzene	11.599	91	510428	56.627	ug/l	99
68) m/p-Xylenes	11.709	106	376948	111.161	ug/l	99
69) o-Xylene	12.032	106	176803	54.642	ug/l	97
70) Styrene	12.050	104	304517	55.043	ug/l	99
71) Bromoform	12.215	173	53693	47.665	ug/l #	98
73) Isopropylbenzene	12.331	105	483430	58.991	ug/l	98
74) N-amyl acetate	12.148	43	154071	56.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	75118	52.947	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	64869m	53.734	ug/l	
77) Bromobenzene	12.611	156	106100	54.953	ug/l	94
78) n-propylbenzene	12.672	91	608869	60.120	ug/l	98
79) 2-Chlorotoluene	12.758	91	333311	59.448	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	400547	58.372	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	31047	52.798	ug/l	97
82) 4-Chlorotoluene	12.861	91	342604	58.643	ug/l	97
83) tert-Butylbenzene	13.081	119	343575	58.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	393618	57.370	ug/l	97
85) sec-Butylbenzene	13.258	105	524266	59.212	ug/l	99
86) p-Isopropyltoluene	13.373	119	435715	57.684	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	210633	54.357	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	206074	54.087	ug/l	99
89) n-Butylbenzene	13.703	91	425906	59.941	ug/l	99
90) Hexachloroethane	13.965	117	80153	58.755	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	179510	52.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13773	45.728	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	112908	50.321	ug/l	100
94) Hexachlorobutadiene	15.117	225	76136	52.944	ug/l	99
95) Naphthalene	15.239	128	199271	45.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	92592	47.123	ug/l	100

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

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