

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006542.D
 Acq On : 29 Oct 2021 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 03:01:30 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 11/01/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	171820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105317	49.810	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.620%		
35) Dibromofluoromethane	7.722	113	78464	50.183	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.360%		
50) Toluene-d8	10.179	98	336120	50.711	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.483	95	114530	51.296	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77528	48.813	ug/l	99
3) Chloromethane	2.119	50	109069	50.876	ug/l	99
4) Vinyl Chloride	2.253	62	121152	50.601	ug/l	99
5) Bromomethane	2.650	94	81232	50.926	ug/l	100
6) Chloroethane	2.796	64	73350	51.880	ug/l	94
7) Trichlorofluoromethane	3.131	101	147481	48.511	ug/l	98
8) Diethyl Ether	3.534	74	51070	51.293	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	82700	53.431	ug/l	96
10) Methyl Iodide	4.101	142	66964	40.623	ug/l	97
11) Tert butyl alcohol	4.960	59	39902	207.734	ug/l	100
12) 1,1-Dichloroethene	3.881	96	81597	52.602	ug/l	97
13) Acrolein	3.729	56	35417	266.713	ug/l	98
14) Allyl chloride	4.485	41	187609	58.761	ug/l	94
15) Acrylonitrile	5.168	53	136231	242.970	ug/l	99
16) Acetone	3.948	43	115570	189.826	ug/l	100
17) Carbon Disulfide	4.198	76	274006	53.854	ug/l	99
18) Methyl Acetate	4.479	43	99854	50.579	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	252280	50.727	ug/l	99
20) Methylene Chloride	4.723	84	104627	55.829	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	92435	52.546	ug/l	95
22) Diisopropyl ether	6.125	45	383021	60.194	ug/l	93
23) Vinyl Acetate	6.064	43	1059360	273.726	ug/l	97
24) 1,1-Dichloroethane	6.021	63	190010	57.108	ug/l	98
25) 2-Butanone	6.990	43	186772	234.164	ug/l	98
26) 2,2-Dichloropropane	6.984	77	155052	48.995	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	107245	53.402	ug/l	96
28) Bromochloromethane	7.338	49	76775	56.873	ug/l	88
29) Tetrahydrofuran	7.350	42	125132	255.713	ug/l	93
30) Chloroform	7.509	83	180051	52.401	ug/l	98
31) Cyclohexane	7.789	56	185017	54.052	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	158962	50.103	ug/l	99
36) 1,1-Dichloropropene	7.923	75	141152	50.925	ug/l	98
37) Ethyl Acetate	7.076	43	83460	47.579	ug/l	99
38) Carbon Tetrachloride	7.905	117	140269	45.874	ug/l	100
39) Methylcyclohexane	9.185	83	172858	51.230	ug/l	96
40) Benzene	8.161	78	403238	51.008	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	42169m	42.365	ug/l	
42) 1,2-Dichloroethane	8.240	62	129783	45.972	ug/l	98
43) Isopropyl Acetate	8.277	43	165602	48.664	ug/l	99
44) Trichloroethene	8.941	130	103151	50.593	ug/l	99
45) 1,2-Dichloropropane	9.216	63	109049	55.690	ug/l	99
46) Dibromomethane	9.307	93	51853	48.242	ug/l	96
47) Bromodichloromethane	9.496	83	138674	49.595	ug/l	98
48) Methyl methacrylate	9.295	41	75969	48.168	ug/l	96
49) 1,4-Dioxane	9.295	88	13089	896.970	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	423731	237.537	ug/l	100
52) Toluene	10.246	92	243719	49.137	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	146370	48.592	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	167167	51.222	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	71967	48.425	ug/l	96
56) Ethyl methacrylate	10.508	69	113976	49.642	ug/l	96
57) 1,3-Dichloropropane	10.788	76	134574	49.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	263871	251.936	ug/l	95
59) 2-Hexanone	10.831	43	290293	224.848	ug/l	100
60) Dibromochloromethane	10.984	129	84569	46.134	ug/l	99
61) 1,2-Dibromoethane	11.087	107	67239	48.055	ug/l	98
64) Tetrachloroethene	10.721	164	117246	52.133	ug/l	97
65) Chlorobenzene	11.520	112	248726	49.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	92827	49.261	ug/l	98
67) Ethyl Benzene	11.593	91	483391	50.715	ug/l	100
68) m/p-Xylenes	11.703	106	357952	99.827	ug/l	99
69) o-Xylene	12.032	106	170913	49.953	ug/l	99
70) Styrene	12.044	104	294218	50.294	ug/l	100
71) Bromoform	12.209	173	52623	44.178	ug/l	99
73) Isopropylbenzene	12.331	105	466099	50.979	ug/l	99
74) N-amyl acetate	12.142	43	151519	49.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	69240	43.743	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63389m	47.064	ug/l	
77) Bromobenzene	12.611	156	109240	50.713	ug/l	97
78) n-propylbenzene	12.672	91	570147	50.459	ug/l	99
79) 2-Chlorotoluene	12.758	91	318338	50.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	393285	51.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	29287	44.640	ug/l	92
82) 4-Chlorotoluene	12.855	91	330861	50.760	ug/l	100
83) tert-Butylbenzene	13.075	119	348032	52.902	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	386036	50.430	ug/l	100
85) sec-Butylbenzene	13.251	105	503386	50.959	ug/l	100
86) p-Isopropyltoluene	13.367	119	427389	50.714	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213715	49.433	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	211000	49.637	ug/l	100
89) n-Butylbenzene	13.697	91	404854	51.070	ug/l	99
90) Hexachloroethane	13.959	117	76617	50.339	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	177088	46.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14219	42.314	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	113132	45.192	ug/l	100
94) Hexachlorobutadiene	15.111	225	72909	45.443	ug/l	99
95) Naphthalene	15.239	128	210253	42.909	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	97323	44.395	ug/l	99

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

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