

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006435.D
 Acq On : 22 Oct 2021 12:52
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

Quant Time: Oct 23 06:35:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:31:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	142976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88791	50.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.722	113	61898	51.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.160%			
50) Toluene-d8	10.185	98	263751	51.339	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.483	95	89517	51.727	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	68398	51.753	ug/l	100
3) Chloromethane	2.119	50	93073	52.173	ug/l	100
4) Vinyl Chloride	2.259	62	102997	51.697	ug/l	100
5) Bromomethane	2.656	94	61642	46.441	ug/l	100
6) Chloroethane	2.802	64	57532	48.902	ug/l	100
7) Trichlorofluoromethane	3.137	101	126164	49.871	ug/l	100
8) Diethyl Ether	3.534	74	42050	50.754	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	64125	49.788	ug/l	100
10) Methyl Iodide	4.101	142	65228	53.436	ug/l	100
11) Tert butyl alcohol	4.960	59	39657	248.110	ug/l	100
12) 1,1-Dichloroethene	3.881	96	64893	50.273	ug/l	100
13) Acrolein	3.735	56	25431	230.148	ug/l	100
14) Allyl chloride	4.491	41	134856	50.760	ug/l	100
15) Acrylonitrile	5.167	53	118379	253.725	ug/l	100
16) Acetone	3.954	43	142128	280.544	ug/l	100
17) Carbon Disulfide	4.204	76	219362	51.812	ug/l	100
18) Methyl Acetate	4.485	43	82027	49.931	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	210879	50.957	ug/l	100
20) Methylene Chloride	4.729	84	78523	41.629	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	73608	50.285	ug/l	100
22) Diisopropyl ether	6.125	45	264079	49.874	ug/l	100
23) Vinyl Acetate	6.070	43	833581	258.840	ug/l	100
24) 1,1-Dichloroethane	6.027	63	137297	49.589	ug/l	100
25) 2-Butanone	6.990	43	179032	269.742	ug/l	100
26) 2,2-Dichloropropane	6.990	77	130879	49.700	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	83329	49.864	ug/l	100
28) Bromochloromethane	7.338	49	50621	45.064	ug/l	100
29) Tetrahydrofuran	7.356	42	105438	258.936	ug/l	100
30) Chloroform	7.515	83	140295	49.068	ug/l	100
31) Cyclohexane	7.789	56	137268	48.193	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	132263	50.097	ug/l	100
36) 1,1-Dichloropropene	7.923	75	109531	50.983	ug/l	100
37) Ethyl Acetate	7.082	43	72452	53.288	ug/l	100
38) Carbon Tetrachloride	7.905	117	120246	50.737	ug/l	100
39) Methylcyclohexane	9.185	83	135156	51.680	ug/l	100
40) Benzene	8.167	78	310344	50.648	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	38596m	53.655	ug/l	
42) 1,2-Dichloroethane	8.240	62	110258	50.389	ug/l	100
43) Isopropyl Acetate	8.277	43	136969	51.929	ug/l	100
44) Trichloroethene	8.941	130	80257	50.786	ug/l	100
45) 1,2-Dichloropropane	9.222	63	75451	49.713	ug/l	100
46) Dibromomethane	9.307	93	42337	50.818	ug/l	100
47) Bromodichloromethane	9.502	83	108291	49.966	ug/l	100
48) Methyl methacrylate	9.295	41	64176	52.498	ug/l	100
49) 1,4-Dioxane	9.301	88	11813	1044.425	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	367861	266.054	ug/l	100
52) Toluene	10.246	92	198447	51.619	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	120619	51.662	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	128867	50.944	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	59299	51.479	ug/l	100
56) Ethyl methacrylate	10.514	69	93350	52.456	ug/l	100
57) 1,3-Dichloropropane	10.794	76	107345	51.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	199376	245.594	ug/l	100
59) 2-Hexanone	10.831	43	274861	274.671	ug/l	100
60) Dibromochloromethane	10.983	129	72544	51.057	ug/l	100
61) 1,2-Dibromoethane	11.093	107	55144	50.847	ug/l	100
64) Tetrachloroethene	10.721	164	92824	51.768	ug/l	100
65) Chlorobenzene	11.520	112	201285	50.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	75409	50.193	ug/l	100
67) Ethyl Benzene	11.593	91	388106	51.072	ug/l	100
68) m/p-Xylenes	11.703	106	293421	102.637	ug/l	100
69) o-Xylene	12.032	106	139081	50.985	ug/l	100
70) Styrene	12.044	104	241279	51.732	ug/l	100
71) Bromoform	12.209	173	48900	51.491	ug/l	100
73) Isopropylbenzene	12.331	105	372283	51.234	ug/l	100
74) N-amyl acetate	12.142	43	127404	52.855	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	64648	51.391	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	59084m	103.436	ug/l	
77) Bromobenzene	12.611	156	86641	50.610	ug/l	100
78) n-propylbenzene	12.672	91	461729	51.418	ug/l	100
79) 2-Chlorotoluene	12.758	91	251753	50.640	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	312660	51.387	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	26936	51.661	ug/l	100
82) 4-Chlorotoluene	12.855	91	266817	51.507	ug/l	100
83) tert-Butylbenzene	13.075	119	265723	50.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	311373	51.183	ug/l	100
85) sec-Butylbenzene	13.251	105	403403	51.385	ug/l	100
86) p-Isopropyltoluene	13.367	119	344282	51.404	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	173084	50.375	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	170601	50.499	ug/l	100
89) n-Butylbenzene	13.696	91	325275	51.629	ug/l	100
90) Hexachloroethane	13.959	117	61211	50.604	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	151549	50.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13668	51.179	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	100679	50.605	ug/l	100
94) Hexachlorobutadiene	15.111	225	63574	49.858	ug/l	100
95) Naphthalene	15.233	128	202880	52.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	88038	50.532	ug/l	100

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

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