

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006495.D
 Acq On : 26 Oct 2021 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 27 05:28:04 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 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	143763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100485	56.800	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.600%			
35) Dibromofluoromethane	7.722	113	70081	52.828	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.185	98	296630	52.747	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.500%			
62) 4-Bromofluorobenzene	12.483	95	99545	52.548	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69579	52.358	ug/l	97
3) Chloromethane	2.119	50	104228	58.106	ug/l	97
4) Vinyl Chloride	2.259	62	114191	57.001	ug/l	98
5) Bromomethane	2.650	94	76174	57.075	ug/l	100
6) Chloroethane	2.796	64	67077	56.703	ug/l	96
7) Trichlorofluoromethane	3.131	101	140247	55.135	ug/l	98
8) Diethyl Ether	3.534	74	55033	66.061	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	76094	58.757	ug/l	98
10) Methyl Iodide	4.100	142	68125	48.300	ug/l	98
11) Tert butyl alcohol	4.966	59	53630	333.694	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	78572	60.537	ug/l	98
13) Acrolein	3.735	56	33170	298.542	ug/l	99
14) Allyl chloride	4.491	41	182666	68.379	ug/l	94
15) Acrylonitrile	5.173	53	153156	326.466	ug/l	100
16) Acetone	3.954	43	152499	299.367	ug/l	98
17) Carbon Disulfide	4.204	76	266935	62.704	ug/l	100
18) Methyl Acetate	4.478	43	124219	75.200	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	254041	61.051	ug/l	99
20) Methylene Chloride	4.722	84	102623	66.202	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	81508	55.377	ug/l	97
22) Diisopropyl ether	6.125	45	341509	64.144	ug/l	97
23) Vinyl Acetate	6.070	43	1054381	325.610	ug/l	98
24) 1,1-Dichloroethane	6.027	63	164272	59.008	ug/l	99
25) 2-Butanone	6.990	43	221919	332.529	ug/l	99
26) 2,2-Dichloropropane	6.984	77	131294	49.585	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	95913	57.081	ug/l	98
28) Bromochloromethane	7.338	49	70494	62.411	ug/l	91
29) Tetrahydrofuran	7.350	42	148257	362.098	ug/l	95
30) Chloroform	7.515	83	160770	55.921	ug/l	98
31) Cyclohexane	7.789	56	156479	54.637	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	140673	52.991	ug/l	99
36) 1,1-Dichloropropene	7.923	75	120905	51.412	ug/l	99
37) Ethyl Acetate	7.082	43	95622	64.249	ug/l	100
38) Carbon Tetrachloride	7.905	117	125177	48.251	ug/l	98
39) Methylcyclohexane	9.185	83	148183	51.762	ug/l	95
40) Benzene	8.167	78	356877	53.207	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	61404m	72.709	ug/l	
42) 1,2-Dichloroethane	8.240	62	128260	53.548	ug/l	99
43) Isopropyl Acetate	8.277	43	182299	63.139	ug/l	98
44) Trichloroethene	8.947	130	90066	52.066	ug/l	99
45) 1,2-Dichloropropane	9.222	63	94941	57.146	ug/l	99
46) Dibromomethane	9.307	93	51042	55.970	ug/l	97
47) Bromodichloromethane	9.502	83	127714	53.833	ug/l	98
48) Methyl methacrylate	9.295	41	85808	64.124	ug/l	94
49) 1,4-Dioxane	9.295	88	15004	1211.859	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	504914	333.604	ug/l	98
52) Toluene	10.246	92	218933	52.024	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	138557	54.215	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	150571	54.378	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	71481	56.690	ug/l	93
56) Ethyl methacrylate	10.514	69	119309	61.247	ug/l	97
57) 1,3-Dichloropropane	10.794	76	130623	57.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	258651	291.063	ug/l	96
59) 2-Hexanone	10.837	43	353891	323.070	ug/l	100
60) Dibromochloromethane	10.989	129	83855	53.915	ug/l	98
61) 1,2-Dibromoethane	11.093	107	67334	56.719	ug/l	98
64) Tetrachloroethene	10.721	164	105864	53.983	ug/l	98
65) Chlorobenzene	11.520	112	226069	51.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	84640	51.511	ug/l	98
67) Ethyl Benzene	11.593	91	431258	51.889	ug/l	100
68) m/p-Xylenes	11.703	106	322846	103.255	ug/l	99
69) o-Xylene	12.032	106	155577	52.147	ug/l	100
70) Styrene	12.044	104	267878	52.514	ug/l	99
71) Bromoform	12.209	173	56256	54.162	ug/l #	99
73) Isopropylbenzene	12.331	105	405823	53.147	ug/l	99
74) N-amyl acetate	12.142	43	167931	66.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	78314	59.242	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	76093m	67.647	ug/l	
77) Bromobenzene	12.611	156	95324	52.987	ug/l	93
78) n-propylbenzene	12.672	91	499804	52.965	ug/l	99
79) 2-Chlorotoluene	12.757	91	282810	54.134	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	340892	53.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31908	58.235	ug/l	95
82) 4-Chlorotoluene	12.855	91	290668	53.396	ug/l	98
83) tert-Butylbenzene	13.074	119	294106	53.529	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	338025	52.874	ug/l	98
85) sec-Butylbenzene	13.257	105	432511	52.426	ug/l	99
86) p-Isopropyltoluene	13.367	119	358651	50.958	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	183338	50.777	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	183451	51.675	ug/l	99
89) n-Butylbenzene	13.696	91	342372	51.713	ug/l	99
90) Hexachloroethane	13.965	117	68213	53.664	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	166377	52.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16858	60.069	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	102310	48.936	ug/l	100
94) Hexachlorobutadiene	15.111	225	62915	46.954	ug/l	100
95) Naphthalene	15.239	128	231224	56.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	93067	50.833	ug/l	99

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

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