

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006527.D
 Acq On : 29 Oct 2021 09:46
 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: Oct 30 02:55:14 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	148883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88038	48.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.100%		
35) Dibromofluoromethane	7.722	113	65171	50.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.320%		
50) Toluene-d8	10.185	98	289230	53.038	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.080%		
62) 4-Bromofluorobenzene	12.483	95	92498	50.353	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63481	46.127	ug/l	98
3) Chloromethane	2.119	50	91921	49.483	ug/l	99
4) Vinyl Chloride	2.260	62	101490	48.919	ug/l	99
5) Bromomethane	2.656	94	69526	50.303	ug/l	99
6) Chloroethane	2.802	64	61960	50.576	ug/l	96
7) Trichlorofluoromethane	3.131	101	130585	49.571	ug/l	99
8) Diethyl Ether	3.534	74	40777	47.265	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	68417	51.013	ug/l	99
10) Methyl Iodide	4.101	142	56795	39.869	ug/l	98
11) Tert butyl alcohol	4.954	59	28921	173.762	ug/l	99
12) 1,1-Dichloroethene	3.881	96	69005	51.338	ug/l	98
13) Acrolein	3.741	56	24671	214.412	ug/l	99
14) Allyl chloride	4.485	41	147575	53.343	ug/l	98
15) Acrylonitrile	5.168	53	107297	220.848	ug/l	100
16) Acetone	3.954	43	122411	232.038	ug/l	100
17) Carbon Disulfide	4.204	76	230225	52.221	ug/l	98
18) Methyl Acetate	4.485	43	73807	43.145	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	201672	46.799	ug/l	99
20) Methylene Chloride	4.723	84	80312	48.957	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	78038	51.196	ug/l	98
22) Diisopropyl ether	6.125	45	293244	53.185	ug/l	95
23) Vinyl Acetate	6.070	43	826039	246.322	ug/l	99
24) 1,1-Dichloroethane	6.021	63	151196	52.443	ug/l	99
25) 2-Butanone	6.990	43	153908	222.688	ug/l	98
26) 2,2-Dichloropropane	6.984	77	141702	51.675	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	88806	51.033	ug/l	97
28) Bromochloromethane	7.338	49	61002	52.150	ug/l	94
29) Tetrahydrofuran	7.350	42	93144	219.669	ug/l	97
30) Chloroform	7.509	83	148708	49.946	ug/l	99
31) Cyclohexane	7.789	56	153009	51.588	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	138713	50.456	ug/l	99
36) 1,1-Dichloropropene	7.923	75	118177	51.821	ug/l	99
37) Ethyl Acetate	7.082	43	65979	45.716	ug/l	99
38) Carbon Tetrachloride	7.905	117	123483	49.085	ug/l	97
39) Methylcyclohexane	9.185	83	145174	52.295	ug/l	99
40) Benzene	8.167	78	334806	51.475	ug/l	99

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41) Methacrylonitrile	7.314	41	37151m	45.365	ug/l	
42) 1,2-Dichloroethane	8.240	62	109176	47.004	ug/l	99
43) Isopropyl Acetate	8.277	43	126510	45.185	ug/l	98
44) Trichloroethene	8.941	130	86181	51.376	ug/l	100
45) 1,2-Dichloropropane	9.222	63	84029	52.158	ug/l	99
46) Dibromomethane	9.307	93	41599	47.040	ug/l	99
47) Bromodichloromethane	9.496	83	112966	49.104	ug/l	99
48) Methyl methacrylate	9.295	41	58867	45.365	ug/l	97
49) 1,4-Dioxane	9.301	88	9712	808.931	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	325301	221.645	ug/l	100
52) Toluene	10.246	92	210350	51.545	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	120863	48.768	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	133852	49.850	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	58918	48.186	ug/l	96
56) Ethyl methacrylate	10.514	69	87692	46.423	ug/l	94
57) 1,3-Dichloropropane	10.795	76	107400	48.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	192364	223.231	ug/l	98
59) 2-Hexanone	10.831	43	243106	228.865	ug/l	100
60) Dibromochloromethane	10.990	129	71369	47.320	ug/l	98
61) 1,2-Dibromoethane	11.093	107	53850	46.778	ug/l	98
64) Tetrachloroethene	10.721	164	108417	59.202	ug/l	99
65) Chlorobenzene	11.520	112	211777	51.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	77958	50.807	ug/l	99
67) Ethyl Benzene	11.593	91	410278	52.862	ug/l	99
68) m/p-Xylenes	11.703	106	307048	105.162	ug/l	100
69) o-Xylene	12.032	106	145981	52.398	ug/l	99
70) Styrene	12.044	104	249274	52.330	ug/l	100
71) Bromoform	12.209	173	43877	45.237	ug/l #	99
73) Isopropylbenzene	12.331	105	391475	53.767	ug/l	100
74) N-amyl acetate	12.142	43	118064	48.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	58182	46.158	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	45387m	42.316	ug/l	
77) Bromobenzene	12.611	156	87660	51.102	ug/l	100
78) n-propylbenzene	12.672	91	487254	54.151	ug/l	100
79) 2-Chlorotoluene	12.758	91	265313	53.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	326523	53.558	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24576	47.040	ug/l	98
82) 4-Chlorotoluene	12.855	91	275303	53.038	ug/l	99
83) tert-Butylbenzene	13.075	119	283005	54.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	324517	53.236	ug/l	99
85) sec-Butylbenzene	13.258	105	424741	53.993	ug/l	100
86) p-Isopropyltoluene	13.373	119	359060	53.503	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	177791	51.641	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	172973	51.098	ug/l	99
89) n-Butylbenzene	13.697	91	343034	54.338	ug/l	99
90) Hexachloroethane	13.965	117	64161	52.936	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	152528	50.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11297	42.216	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	98309	49.314	ug/l	100
94) Hexachlorobutadiene	15.117	225	65539	51.296	ug/l	98
95) Naphthalene	15.239	128	176056	45.119	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	82818	47.440	ug/l	100

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

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