

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006817.D
 Acq On : 18 Nov 2021 19:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 05:35:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	125430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205873	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	192629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88771	54.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.000%			
35) Dibromofluoromethane	7.722	113	67269	53.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.400%			
50) Toluene-d8	10.185	98	276305	52.802	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.483	95	94647	53.651	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67175	55.767	ug/l	100
3) Chloromethane	2.119	50	108810	60.046	ug/l	99
4) Vinyl Chloride	2.253	62	110286	59.945	ug/l	98
5) Bromomethane	2.650	94	69422	70.815	ug/l	99
6) Chloroethane	2.796	64	68220	60.611	ug/l	95
7) Trichlorofluoromethane	3.131	101	133162	57.754	ug/l	95
8) Diethyl Ether	3.534	74	49518	64.485	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	74531	60.865	ug/l	96
10) Methyl Iodide	4.095	142	94885	61.988	ug/l	95
11) Tert butyl alcohol	4.954	59	49969	202.120	ug/l	98
12) 1,1-Dichloroethene	3.875	96	75568	62.222	ug/l	93
13) Acrolein	3.729	56	11342	327.952	ug/l	96
14) Allyl chloride	4.485	41	180738	66.069	ug/l	93
15) Acrylonitrile	5.174	53	139494	314.946	ug/l	99
16) Acetone	3.948	43	126540	253.351	ug/l	99
17) Carbon Disulfide	4.204	76	261250	60.941	ug/l	98
18) Methyl Acetate	4.485	43	104701	64.757	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	246312	64.341	ug/l	98
20) Methylene Chloride	4.729	84	97041	66.235	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	87383	62.982	ug/l	95
22) Diisopropyl ether	6.125	45	370484	68.640	ug/l	95
23) Vinyl Acetate	6.064	43	1069739	328.213	ug/l	97
24) 1,1-Dichloroethane	6.027	63	180934	65.675	ug/l	98
25) 2-Butanone	6.990	43	184772	254.215	ug/l	98
26) 2,2-Dichloropropane	6.990	77	133350	53.566	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	93299	59.541	ug/l	95
28) Bromochloromethane	7.338	49	76912	59.350	ug/l	86
29) Tetrahydrofuran	7.350	42	123148	297.106	ug/l	92
30) Chloroform	7.515	83	159382	60.179	ug/l	99
31) Cyclohexane	7.789	56	158780	54.953	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	136463	55.909	ug/l	99
36) 1,1-Dichloropropene	7.923	75	122407	54.701	ug/l	98
37) Ethyl Acetate	7.082	43	83995	56.141	ug/l	99
38) Carbon Tetrachloride	7.905	117	119909	52.388	ug/l	99
39) Methylcyclohexane	9.185	83	146260	53.592	ug/l	95
40) Benzene	8.167	78	353124	56.056	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	70886m	56.428	ug/l	
42) 1,2-Dichloroethane	8.240	62	117676	56.070	ug/l	99
43) Isopropyl Acetate	8.277	43	160158	57.067	ug/l	99
44) Trichloroethene	8.941	130	84510	55.145	ug/l	97
45) 1,2-Dichloropropane	9.222	63	95828	58.960	ug/l	98
46) Dibromomethane	9.307	93	47634	56.270	ug/l	95
47) Bromodichloromethane	9.502	83	124064	57.710	ug/l	96
48) Methyl methacrylate	9.295	41	73377	55.183	ug/l	95
49) 1,4-Dioxane	9.295	88	11580	1192.157	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	419513	283.778	ug/l	99
52) Toluene	10.246	92	214160	55.985	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	131750	56.381	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	147737	56.372	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	65795	58.220	ug/l	97
56) Ethyl methacrylate	10.514	69	103481	58.909	ug/l	97
57) 1,3-Dichloropropane	10.795	76	120352	58.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	280993	292.167	ug/l	95
59) 2-Hexanone	10.831	43	287732	263.793	ug/l	99
60) Dibromochloromethane	10.990	129	77044	55.616	ug/l	98
61) 1,2-Dibromoethane	11.093	107	61363	58.607	ug/l	100
64) Tetrachloroethene	10.721	164	74987	53.272	ug/l	96
65) Chlorobenzene	11.520	112	218750	55.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	81079	55.322	ug/l	98
67) Ethyl Benzene	11.593	91	425929	57.338	ug/l	99
68) m/p-Xylenes	11.703	106	314313	111.024	ug/l	99
69) o-Xylene	12.032	106	149420	55.714	ug/l	99
70) Styrene	12.044	104	255172	56.337	ug/l	100
71) Bromoform	12.209	173	47726	53.801	ug/l	100
73) Isopropylbenzene	12.331	105	395369	55.514	ug/l	99
74) N-amyl acetate	12.142	43	144228	55.521	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	77721	58.981	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	63301m	62.256	ug/l	
77) Bromobenzene	12.611	156	88773	54.731	ug/l	92
78) n-propylbenzene	12.672	91	497347	57.283	ug/l	98
79) 2-Chlorotoluene	12.758	91	276975	58.297	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	329293	56.414	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	28858	56.237	ug/l	94
82) 4-Chlorotoluene	12.855	91	288632	58.115	ug/l	96
83) tert-Butylbenzene	13.075	119	279579	55.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	326327	55.995	ug/l	99
85) sec-Butylbenzene	13.251	105	426348	56.471	ug/l	99
86) p-Isopropyltoluene	13.367	119	352365	55.133	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	175141	54.220	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	173216	54.340	ug/l	98
89) n-Butylbenzene	13.696	91	343528	56.963	ug/l	98
90) Hexachloroethane	13.959	117	65522	56.886	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	151503	54.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12602	54.102	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	91004	49.969	ug/l	99
94) Hexachlorobutadiene	15.111	225	60069	50.549	ug/l	99
95) Naphthalene	15.239	128	178668	53.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	78343	51.623	ug/l	100

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

