

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006804.D
 Acq On : 18 Nov 2021 11:55
 Operator : SY/MD
 Sample : VY1118SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Quant Time: Nov 19 05:33:18 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	142134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224626	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	203367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85634	45.970	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.940%		
35) Dibromofluoromethane	7.722	113	66398	48.124	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.185	98	283757	49.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.483	95	95733	49.736	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29257	21.434	ug/l	98
3) Chloromethane	2.119	50	42994	20.937	ug/l	98
4) Vinyl Chloride	2.259	62	45429	21.791	ug/l	98
5) Bromomethane	2.644	94	29537	26.589	ug/l	98
6) Chloroethane	2.796	64	28848	22.618	ug/l	95
7) Trichlorofluoromethane	3.125	101	60167	23.028	ug/l	99
8) Diethyl Ether	3.534	74	18997	21.832	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	32232	23.228	ug/l	97
10) Methyl Iodide	4.101	142	35943	20.722	ug/l	97
11) Tert butyl alcohol	4.954	59	19036	67.950	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	31635	22.987	ug/l	97
13) Acrolein	3.729	56	4770	121.715	ug/l	99
14) Allyl chloride	4.485	41	71386	23.029	ug/l	95
15) Acrylonitrile	5.167	53	48231	96.097	ug/l	99
16) Acetone	3.954	43	43437	76.746	ug/l	94
17) Carbon Disulfide	4.204	76	106762	21.977	ug/l	99
18) Methyl Acetate	4.485	43	35576	19.418	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	87902	20.263	ug/l	96
20) Methylene Chloride	4.722	84	38404	20.737	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	35904	22.837	ug/l	97
22) Diisopropyl ether	6.125	45	142455	23.291	ug/l	96
23) Vinyl Acetate	6.064	43	387845	105.012	ug/l	98
24) 1,1-Dichloroethane	6.027	63	71210	22.810	ug/l	99
25) 2-Butanone	6.996	43	66251	88.299	ug/l	97
26) 2,2-Dichloropropane	6.984	77	63146	22.384	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	39483	22.236	ug/l	92
28) Bromochloromethane	7.338	49	31230	21.267	ug/l	86
29) Tetrahydrofuran	7.356	42	44381	94.490	ug/l	91
30) Chloroform	7.508	83	67935	22.636	ug/l	99
31) Cyclohexane	7.783	56	73643	22.492	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	61456	22.220	ug/l	98
36) 1,1-Dichloropropene	7.923	75	54927	22.497	ug/l	98
37) Ethyl Acetate	7.076	43	30110	18.445	ug/l	98
38) Carbon Tetrachloride	7.905	117	54385	21.777	ug/l	99
39) Methylcyclohexane	9.185	83	65094	21.860	ug/l	95
40) Benzene	8.161	78	152858	22.239	ug/l	100

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41) Methacrylonitrile	7.344	41	22255m	16.237	ug/l	
42) 1,2-Dichloroethane	8.240	62	48629	21.236	ug/l	99
43) Isopropyl Acetate	8.277	43	58389	19.068	ug/l	98
44) Trichloroethene	8.941	130	36210	21.655	ug/l	88
45) 1,2-Dichloropropane	9.222	63	40534	22.857	ug/l	96
46) Dibromomethane	9.307	93	19004	20.575	ug/l	95
47) Bromodichloromethane	9.502	83	51441	21.931	ug/l	97
48) Methyl methacrylate	9.295	41	28106	19.372	ug/l	90
49) 1,4-Dioxane	9.307	88	4135	390.157	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	148090	91.812	ug/l	98
52) Toluene	10.246	92	91869	22.011	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	53868	21.128	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	61490	21.504	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	26740	21.686	ug/l	99
56) Ethyl methacrylate	10.514	69	37801	19.723	ug/l	95
57) 1,3-Dichloropropane	10.794	76	46411	20.627	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	97429	92.846	ug/l	94
59) 2-Hexanone	10.837	43	84984	88.778	ug/l	94
60) Dibromochloromethane	10.990	129	32431	21.456	ug/l	98
61) 1,2-Dibromoethane	11.093	107	24477	21.426	ug/l	99
64) Tetrachloroethene	10.721	164	35262	23.728	ug/l	98
65) Chlorobenzene	11.520	112	92482	22.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32720	21.147	ug/l	96
67) Ethyl Benzene	11.593	91	180777	23.051	ug/l	98
68) m/p-Xylenes	11.703	106	134562	45.021	ug/l	99
69) o-Xylene	12.032	106	63914	22.573	ug/l	98
70) Styrene	12.044	104	104145	21.779	ug/l	99
71) Bromoform	12.209	173	18295	19.535	ug/l #	99
73) Isopropylbenzene	12.331	105	170523	22.701	ug/l	98
74) N-amyl acetate	12.142	43	52297	21.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	29639	21.326	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25057m	23.365	ug/l	
77) Bromobenzene	12.611	156	36487	21.328	ug/l	91
78) n-propylbenzene	12.672	91	216219	23.612	ug/l	98
79) 2-Chlorotoluene	12.758	91	118792	23.706	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	141902	23.049	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10771	19.901	ug/l	97
82) 4-Chlorotoluene	12.855	91	121758	23.244	ug/l	98
83) tert-Butylbenzene	13.075	119	119601	22.367	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	140480	22.855	ug/l	98
85) sec-Butylbenzene	13.257	105	186276	23.393	ug/l	98
86) p-Isopropyltoluene	13.367	119	152620	22.641	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	74553	21.883	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	72393	21.533	ug/l	96
89) n-Butylbenzene	13.696	91	151995	23.896	ug/l	99
90) Hexachloroethane	13.965	117	28115	23.143	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	63314	21.564	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4880	19.864	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	38833	20.217	ug/l	99
94) Hexachlorobutadiene	15.111	225	26075	20.804	ug/l	99
95) Naphthalene	15.239	128	65423	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31961	19.968	ug/l	98

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

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