

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007055.D
 Acq On : 07 Jan 2022 16:03
 Operator : SY/MD
 Sample : VY0107SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0107SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 08 04:10:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	155984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	262738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93873	50.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.960%			
35) Dibromofluoromethane	7.722	113	88239	51.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.185	98	327673	51.064	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.483	95	118099	48.869	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	9787	18.554	ug/l	96
3) Chloromethane	2.119	50	23997	21.317	ug/l	94
4) Vinyl Chloride	2.260	62	32724	21.777	ug/l	99
5) Bromomethane	2.656	94	21949	21.777	ug/l	100
6) Chloroethane	2.802	64	20333	22.040	ug/l	97
7) Trichlorofluoromethane	3.131	101	39114	21.377	ug/l	98
8) Diethyl Ether	3.528	74	19757	19.185	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	35273	19.340	ug/l	98
10) Methyl Iodide	4.095	142	54559	19.208	ug/l	99
11) Tert butyl alcohol	4.960	59	15741	94.801	ug/l	99
12) 1,1-Dichloroethene	3.875	96	36329	19.141	ug/l	87
13) Acrolein	3.735	56	5777	112.462	ug/l	95
14) Allyl chloride	4.485	41	55228	19.111	ug/l	97
15) Acrylonitrile	5.168	53	47788	94.142	ug/l	99
16) Acetone	3.948	43	35121	86.579	ug/l	97
17) Carbon Disulfide	4.198	76	103442	18.574	ug/l	97
18) Methyl Acetate	4.479	43	36305	20.860	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	72126	20.434	ug/l	97
20) Methylene Chloride	4.716	84	50992	11.122	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	39610	19.619	ug/l	97
22) Diisopropyl ether	6.119	45	113601	20.163	ug/l	95
23) Vinyl Acetate	6.064	43	325180	94.075	ug/l	100
24) 1,1-Dichloroethane	6.021	63	69471	20.059	ug/l	99
25) 2-Butanone	6.990	43	56780	97.212	ug/l	100
26) 2,2-Dichloropropane	6.984	77	51669	19.614	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	44538	19.772	ug/l	97
28) Bromochloromethane	7.338	49	22532	17.776	ug/l	98
29) Tetrahydrofuran	7.350	42	40859	94.165	ug/l	98
30) Chloroform	7.515	83	73136	20.205	ug/l	100
31) Cyclohexane	7.789	56	64814	18.820	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	63093	19.605	ug/l	99
36) 1,1-Dichloropropene	7.923	75	56751	19.715	ug/l	99
37) Ethyl Acetate	7.076	43	28772	19.483	ug/l	99
38) Carbon Tetrachloride	7.905	117	59617	19.802	ug/l	97
39) Methylcyclohexane	9.185	83	71498	18.953	ug/l	97
40) Benzene	8.167	78	152129	19.418	ug/l	97

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41) Methacrylonitrile	7.314	41	15334m	18.484	ug/l	
42) 1,2-Dichloroethane	8.240	62	47234	19.832	ug/l	99
43) Isopropyl Acetate	8.277	43	54459	19.152	ug/l	99
44) Trichloroethene	8.947	130	41929	19.164	ug/l	95
45) 1,2-Dichloropropane	9.222	63	37490	19.633	ug/l	98
46) Dibromomethane	9.307	93	22659	19.609	ug/l	99
47) Bromodichloromethane	9.496	83	54964	19.537	ug/l	99
48) Methyl methacrylate	9.295	41	24082	17.983	ug/l	93
49) 1,4-Dioxane	9.313	88	4865	419.821	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	136013	96.436	ug/l	99
52) Toluene	10.246	92	97914	19.425	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	59369	19.594	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	64977	19.316	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	30946	19.464	ug/l	98
56) Ethyl methacrylate	10.514	69	43267	18.962	ug/l	99
57) 1,3-Dichloropropane	10.795	76	54252	19.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	99644	99.565	ug/l	98
59) 2-Hexanone	10.837	43	89502	97.955	ug/l	99
60) Dibromochloromethane	10.990	129	37706	19.388	ug/l	100
61) 1,2-Dibromoethane	11.093	107	31420	19.687	ug/l	98
64) Tetrachloroethene	10.721	164	34595	19.522	ug/l	95
65) Chlorobenzene	11.520	112	103228	19.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	37394	19.741	ug/l	100
67) Ethyl Benzene	11.593	91	192956	19.722	ug/l	99
68) m/p-Xylenes	11.703	106	144802	38.860	ug/l	100
69) o-Xylene	12.032	106	67437	19.297	ug/l	97
70) Styrene	12.044	104	115699	19.489	ug/l	100
71) Bromoform	12.209	173	21704	18.973	ug/l #	99
73) Isopropylbenzene	12.331	105	183416	19.546	ug/l	100
74) N-amyl acetate	12.142	43	46843	19.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	35647	19.904	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23706m	17.823	ug/l	
77) Bromobenzene	12.611	156	40174	19.669	ug/l	99
78) n-propylbenzene	12.672	91	224367	19.649	ug/l	98
79) 2-Chlorotoluene	12.758	91	126586	19.440	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	150279	19.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13023	17.883	ug/l #	99
82) 4-Chlorotoluene	12.855	91	130028	19.232	ug/l	99
83) tert-Butylbenzene	13.075	119	136403	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	148830	19.509	ug/l	99
85) sec-Butylbenzene	13.258	105	193928	19.468	ug/l	100
86) p-Isopropyltoluene	13.373	119	161150	19.680	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	78144	19.778	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	76894	19.427	ug/l	100
89) n-Butylbenzene	13.697	91	154351	19.523	ug/l	99
90) Hexachloroethane	13.965	117	30846	18.968	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	66987	19.143	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5819	17.352	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	39478	18.544	ug/l	98
94) Hexachlorobutadiene	15.117	225	20757	18.617	ug/l	98
95) Naphthalene	15.239	128	86056	18.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33841	18.424	ug/l	100

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

