

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007287.D
 Acq On : 25 Jan 2022 12:07
 Operator : SY/MD
 Sample : VY0125SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0125SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 03:56:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	84201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	46695	45.196	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.400%		
35) Dibromofluoromethane	7.722	113	42332	44.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.400%		
50) Toluene-d8	10.179	98	142469	40.712	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.420%		
62) 4-Bromofluorobenzene	12.483	95	53414	42.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	5708	19.333	ug/l	89
3) Chloromethane	2.119	50	12106	19.553	ug/l	94
4) Vinyl Chloride	2.259	62	17030	18.899	ug/l	99
5) Bromomethane	2.656	94	11578	19.842	ug/l	95
6) Chloroethane	2.796	64	11195	19.911	ug/l	94
7) Trichlorofluoromethane	3.131	101	18918	19.480	ug/l	94
8) Diethyl Ether	3.527	74	11379	21.278	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	19437	20.542	ug/l	97
10) Methyl Iodide	4.094	142	27335	19.532	ug/l	96
11) Tert butyl alcohol	4.954	59	11476	127.920	ug/l	95
12) 1,1-Dichloroethene	3.875	96	18366	19.276	ug/l	99
13) Acrolein	3.729	56	2145	91.000	ug/l	86
14) Allyl chloride	4.479	41	29266	19.157	ug/l	99
15) Acrylonitrile	5.161	53	29008	112.864	ug/l	98
16) Acetone	3.948	43	25342	94.514	ug/l	97
17) Carbon Disulfide	4.198	76	42489	16.058	ug/l	100
18) Methyl Acetate	4.472	43	24489	25.668	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	41119	21.921	ug/l	97
20) Methylene Chloride	4.716	84	22993	20.738	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	20230	19.585	ug/l	99
22) Diisopropyl ether	6.118	45	65275	21.090	ug/l	98
23) Vinyl Acetate	6.064	43	174226	95.722	ug/l	100
24) 1,1-Dichloroethane	6.015	63	38447	20.421	ug/l	99
25) 2-Butanone	6.984	43	36437	105.107	ug/l	100
26) 2,2-Dichloropropane	6.978	77	28521	20.786	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	24215	20.666	ug/l	100
28) Bromochloromethane	7.332	49	11478	16.854	ug/l	97
29) Tetrahydrofuran	7.344	42	24469	109.803	ug/l	100
30) Chloroform	7.508	83	41457	21.193	ug/l	96
31) Cyclohexane	7.789	56	31264	17.899	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	35139	21.016	ug/l	98
36) 1,1-Dichloropropene	7.917	75	29922	19.562	ug/l	100
37) Ethyl Acetate	7.076	43	17469	22.254	ug/l	97
38) Carbon Tetrachloride	7.899	117	32980	20.499	ug/l	95
39) Methylcyclohexane	9.185	83	35469	18.992	ug/l	98
40) Benzene	8.161	78	82649	20.256	ug/l	98

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41) Methacrylonitrile	7.307	41	7175m	15.872	ug/l	
42) 1,2-Dichloroethane	8.240	62	27528	21.425	ug/l	99
43) Isopropyl Acetate	8.271	43	32331	21.167	ug/l	98
44) Trichloroethene	8.941	130	22405	20.293	ug/l	99
45) 1,2-Dichloropropane	9.215	63	21387	20.613	ug/l	94
46) Dibromomethane	9.307	93	12671	20.651	ug/l	98
47) Bromodichloromethane	9.496	83	32793	21.741	ug/l	98
48) Methyl methacrylate	9.295	41	13899	20.006	ug/l	94
49) 1,4-Dioxane	9.295	88	3222	487.029	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	83664	108.028	ug/l	97
52) Toluene	10.246	92	53085	20.526	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	33848	21.258	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	37197	20.870	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	18569	22.312	ug/l	95
56) Ethyl methacrylate	10.508	69	24233	20.668	ug/l	96
57) 1,3-Dichloropropane	10.794	76	31676	21.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	64011	120.065	ug/l	98
59) 2-Hexanone	10.831	43	55478	105.552	ug/l	96
60) Dibromochloromethane	10.983	129	21783	21.292	ug/l	96
61) 1,2-Dibromoethane	11.087	107	17461	21.356	ug/l	99
64) Tetrachloroethene	10.721	164	18257	20.006	ug/l	96
65) Chlorobenzene	11.520	112	58908	21.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	22240	21.672	ug/l	99
67) Ethyl Benzene	11.593	91	106274	20.425	ug/l	98
68) m/p-Xylenes	11.703	106	78838	40.773	ug/l	98
69) o-Xylene	12.032	106	37773	20.744	ug/l	97
70) Styrene	12.044	104	64785	21.090	ug/l	100
71) Bromoform	12.209	173	12627	21.272	ug/l #	98
73) Isopropylbenzene	12.331	105	101803	19.711	ug/l	100
74) N-amyl acetate	12.148	43	28097	20.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	21404	21.312	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	17138m	25.134	ug/l	
77) Bromobenzene	12.611	156	22842	20.325	ug/l	99
78) n-propylbenzene	12.672	91	127153	19.860	ug/l	99
79) 2-Chlorotoluene	12.758	91	70642	19.844	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	84021	19.813	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7545	20.258	ug/l #	100
82) 4-Chlorotoluene	12.855	91	73941	19.912	ug/l	99
83) tert-Butylbenzene	13.075	119	77758	21.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	84644	20.137	ug/l	98
85) sec-Butylbenzene	13.257	105	110250	20.111	ug/l	99
86) p-Isopropyltoluene	13.373	119	91309	20.268	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	44469	20.216	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	45271	20.467	ug/l	99
89) n-Butylbenzene	13.696	91	89375	20.149	ug/l	99
90) Hexachloroethane	13.965	117	18457	20.957	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	40639	20.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3522	20.305	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	24398	20.499	ug/l	99
94) Hexachlorobutadiene	15.111	225	12602	20.544	ug/l	96
95) Naphthalene	15.239	128	51511	20.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	21080	20.760	ug/l	99

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

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