

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012237.D
 Acq On : 18 Jan 2023 11:36
 Operator : KP/MD
 Sample : VY0118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:34:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	218730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84591	46.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.740%		
35) Dibromofluoromethane	7.716	113	78741	45.510	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.020%		
50) Toluene-d8	10.179	98	291262	48.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.483	95	108750	44.587	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41355	21.635	ug/l	96
3) Chloromethane	2.113	50	36153	20.488	ug/l	97
4) Vinyl Chloride	2.253	62	41428	20.114	ug/l	93
5) Bromomethane	2.644	94	32486	20.400	ug/l	96
6) Chloroethane	2.790	64	27598	20.545	ug/l	98
7) Trichlorofluoromethane	3.125	101	78702	19.578	ug/l	98
8) Diethyl Ether	3.534	74	23262	19.447	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	39848	20.367	ug/l	95
10) Methyl Iodide	4.095	142	50015	16.822	ug/l	97
11) Tert butyl alcohol	4.942	59	29267	130.125	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	40585	20.203	ug/l	90
13) Acrolein	3.729	56	11032	119.861	ug/l	96
14) Allyl chloride	4.479	41	48524	19.535	ug/l #	87
15) Acrylonitrile	5.161	53	49321	94.397	ug/l	99
16) Acetone	3.942	43	49101	80.617	ug/l	99
17) Carbon Disulfide	4.192	76	122472	19.710	ug/l	99
18) Methyl Acetate	4.473	43	24696	18.120	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	103515	18.485	ug/l	94
20) Methylene Chloride	4.716	84	55864	16.599	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	43829	19.551	ug/l	92
22) Diisopropyl ether	6.119	45	98364	19.863	ug/l #	94
23) Vinyl Acetate	6.058	43	295398	95.728	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	68020	19.803	ug/l	98
25) 2-Butanone	6.984	43	60437	89.883	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	72393	19.415	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	48309	19.618	ug/l	93
28) Bromochloromethane	7.332	49	14328	19.100	ug/l #	76
29) Tetrahydrofuran	7.344	42	34953	94.636	ug/l #	86
30) Chloroform	7.502	83	78023	19.243	ug/l	98
31) Cyclohexane	7.783	56	63175	19.810	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	77020	19.187	ug/l	98
36) 1,1-Dichloropropene	7.917	75	59048	20.081	ug/l	97
37) Ethyl Acetate	7.076	43	24823	19.149	ug/l #	94
38) Carbon Tetrachloride	7.899	117	73787	19.429	ug/l	95
39) Methylcyclohexane	9.185	83	73742	20.521	ug/l	94
40) Benzene	8.161	78	168749	19.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15213m	19.966	ug/l	
42) 1,2-Dichloroethane	8.234	62	50739	18.779	ug/l	100
43) Isopropyl Acetate	8.271	43	45119	18.708	ug/l #	92
44) Trichloroethene	8.941	130	50695	19.985	ug/l	97
45) 1,2-Dichloropropane	9.216	63	35602	20.104	ug/l	98
46) Dibromomethane	9.301	93	23324	19.674	ug/l	96
47) Bromodichloromethane	9.496	83	57546	19.283	ug/l	100
48) Methyl methacrylate	9.289	41	20199	18.177	ug/l	88
49) 1,4-Dioxane	9.295	88	6432	398.154	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	120551	93.741	ug/l	94
52) Toluene	10.240	92	112083	19.835	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	59764	19.145	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	65350	19.439	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	32863	19.510	ug/l	97
56) Ethyl methacrylate	10.508	69	41892	18.957	ug/l	92
57) 1,3-Dichloropropane	10.788	76	53948	19.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	72318	98.904	ug/l #	89
59) 2-Hexanone	10.831	43	89179	91.083	ug/l	94
60) Dibromochloromethane	10.984	129	43171	19.324	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31744	19.531	ug/l	97
64) Tetrachloroethene	10.721	164	56870	21.056	ug/l	96
65) Chlorobenzene	11.514	112	119987	19.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45119	19.738	ug/l	98
67) Ethyl Benzene	11.593	91	213848	19.758	ug/l	96
68) m/p-Xylenes	11.703	106	171860	40.160	ug/l	98
69) o-Xylene	12.026	106	80663	19.734	ug/l	97
70) Styrene	12.044	104	136334	19.963	ug/l	99
71) Bromoform	12.209	173	28242	19.338	ug/l #	99
73) Isopropylbenzene	12.331	105	218965	20.106	ug/l	99
74) N-amyl acetate	12.142	43	38999	18.268	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	32984	19.228	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	28016m	20.173	ug/l	
77) Bromobenzene	12.605	156	51419	19.621	ug/l	92
78) n-propylbenzene	12.672	91	256681	20.141	ug/l	98
79) 2-Chlorotoluene	12.758	91	143772	19.953	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	189740	20.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12701	18.844	ug/l	98
82) 4-Chlorotoluene	12.855	91	151134	19.968	ug/l	98
83) tert-Butylbenzene	13.075	119	161706	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	185643	19.884	ug/l	100
85) sec-Butylbenzene	13.251	105	234372	19.950	ug/l	96
86) p-Isopropyltoluene	13.367	119	205333	20.005	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	102907	19.744	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	100616	19.357	ug/l	99
89) n-Butylbenzene	13.696	91	177943	20.005	ug/l	99
90) Hexachloroethane	13.959	117	36320	19.601	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	90212	19.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6321	17.831	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	54857	18.409	ug/l	99
94) Hexachlorobutadiene	15.111	225	35845	19.979	ug/l	99
95) Naphthalene	15.233	128	102635	17.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47044	18.346	ug/l	97

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

