

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012065.D
 Acq On : 04 Jan 2023 12:49
 Operator : KP/MD
 Sample : VY0104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0104SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96713	51.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.560%			
35) Dibromofluoromethane	7.716	113	86200	50.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.060%			
50) Toluene-d8	10.179	98	333604	48.198	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.477	95	119327	51.261	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35659	25.173	ug/l	98
3) Chloromethane	2.113	50	34198	20.527	ug/l	99
4) Vinyl Chloride	2.247	62	38839	21.140	ug/l	97
5) Bromomethane	2.637	94	29836	22.826	ug/l	97
6) Chloroethane	2.790	64	25493	21.228	ug/l	95
7) Trichlorofluoromethane	3.119	101	71530	22.241	ug/l	96
8) Diethyl Ether	3.528	74	22760	22.935	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	36838	20.807	ug/l	96
10) Methyl Iodide	4.088	142	50062	20.437	ug/l	96
11) Tert butyl alcohol	4.954	59	20332	86.852	ug/l	97
12) 1,1-Dichloroethene	3.869	96	37365	21.098	ug/l	95
13) Acrolein	3.723	56	18473	104.788	ug/l	98
14) Allyl chloride	4.479	41	50007	19.174	ug/l	92
15) Acrylonitrile	5.155	53	53804	116.555	ug/l	100
16) Acetone	3.942	43	49265	90.667	ug/l	99
17) Carbon Disulfide	4.186	76	115857	20.508	ug/l	99
18) Methyl Acetate	4.472	43	28480	21.855	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	106829	23.510	ug/l	97
20) Methylene Chloride	4.710	84	54110	21.502	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	42592	21.166	ug/l	92
22) Diisopropyl ether	6.119	45	105937	20.624	ug/l	97
23) Vinyl Acetate	6.058	43	323046	109.313	ug/l	95
24) 1,1-Dichloroethane	6.015	63	67911	20.340	ug/l	97
25) 2-Butanone	6.978	43	66496	105.852	ug/l	94
26) 2,2-Dichloropropane	6.978	77	66652	20.401	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	47179	21.677	ug/l	94
28) Bromochloromethane	7.332	49	17044	18.603	ug/l #	81
29) Tetrahydrofuran	7.338	42	40782	114.581	ug/l	91
30) Chloroform	7.502	83	77154	21.439	ug/l	100
31) Cyclohexane	7.783	56	61059	19.233	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	73799	21.560	ug/l	99
36) 1,1-Dichloropropene	7.911	75	57034	20.843	ug/l	100
37) Ethyl Acetate	7.070	43	30106	24.522	ug/l #	95
38) Carbon Tetrachloride	7.899	117	70345	22.259	ug/l	96
39) Methylcyclohexane	9.179	83	68757	20.882	ug/l	97
40) Benzene	8.155	78	164011	20.944	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13579m	22.873	ug/l	
42) 1,2-Dichloroethane	8.234	62	52193	23.152	ug/l	100
43) Isopropyl Acetate	8.264	43	50740	22.629	ug/l	95
44) Trichloroethene	8.935	130	47821	21.665	ug/l	98
45) 1,2-Dichloropropane	9.216	63	37565	20.761	ug/l	99
46) Dibromomethane	9.301	93	23916	22.947	ug/l	98
47) Bromodichloromethane	9.496	83	58557	22.146	ug/l	97
48) Methyl methacrylate	9.289	41	23486	22.623	ug/l	95
49) 1,4-Dioxane	9.289	88	6861	551.371	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	140514	117.527	ug/l	97
52) Toluene	10.240	92	109570	21.961	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	60572	22.671	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	65620	21.850	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	34345	23.222	ug/l	96
56) Ethyl methacrylate	10.508	69	44659	23.849	ug/l	97
57) 1,3-Dichloropropane	10.788	76	55700	22.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	83342	115.340	ug/l	92
59) 2-Hexanone	10.831	43	101450	115.340	ug/l	98
60) Dibromochloromethane	10.984	129	43910	23.568	ug/l	97
61) 1,2-Dibromoethane	11.087	107	32351	23.380	ug/l	98
64) Tetrachloroethene	10.715	164	50345	22.047	ug/l	97
65) Chlorobenzene	11.514	112	117539	21.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44669	22.163	ug/l	99
67) Ethyl Benzene	11.587	91	206669	21.106	ug/l	99
68) m/p-Xylenes	11.703	106	166180	43.639	ug/l	97
69) o-Xylene	12.026	106	76461	21.580	ug/l	98
70) Styrene	12.044	104	132985	22.353	ug/l	99
71) Bromoform	12.203	173	29407	24.624	ug/l #	99
73) Isopropylbenzene	12.325	105	207138	19.703	ug/l	99
74) N-amyl acetate	12.142	43	45613	21.163	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	36555	20.843	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	33476m	18.989	ug/l	
77) Bromobenzene	12.605	156	50902	20.929	ug/l	94
78) n-propylbenzene	12.666	91	248857	19.693	ug/l	99
79) 2-Chlorotoluene	12.751	91	140920	19.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	182818	20.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	14240	22.121	ug/l	97
82) 4-Chlorotoluene	12.849	91	148313	20.180	ug/l	98
83) tert-Butylbenzene	13.075	119	155364	20.367	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	182292	20.587	ug/l	98
85) sec-Butylbenzene	13.251	105	226182	19.857	ug/l	98
86) p-Isopropyltoluene	13.367	119	196728	20.468	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	101352	20.721	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	101051	20.781	ug/l	99
89) n-Butylbenzene	13.696	91	172395	19.814	ug/l	98
90) Hexachloroethane	13.959	117	36307	19.798	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	91803	21.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7261	24.091	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	58092	23.158	ug/l	99
94) Hexachlorobutadiene	15.111	225	34419	21.235	ug/l	99
95) Naphthalene	15.233	128	114844	23.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50342	23.737	ug/l	97

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

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