

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012379.D
 Acq On : 27 Jan 2023 13:33
 Operator : KP/MD
 Sample : VY0127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 30 02:38:17 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	163956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65604	48.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.260%		
35) Dibromofluoromethane	7.716	113	59226	45.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.960%		
50) Toluene-d8	10.179	98	212629	47.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.483	95	81416	44.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30391	21.211	ug/l	97
3) Chloromethane	2.113	50	26209	19.815	ug/l	96
4) Vinyl Chloride	2.253	62	31838	20.622	ug/l	99
5) Bromomethane	2.644	94	25492	21.356	ug/l	97
6) Chloroethane	2.790	64	20904	20.761	ug/l	96
7) Trichlorofluoromethane	3.125	101	64061	21.260	ug/l	97
8) Diethyl Ether	3.527	74	17651	19.686	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	31681	21.603	ug/l	95
10) Methyl Iodide	4.094	142	40114	17.999	ug/l	96
11) Tert butyl alcohol	4.954	59	26570	160.334	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	31676	21.036	ug/l	91
13) Acrolein	3.735	56	7711	109.160	ug/l	97
14) Allyl chloride	4.485	41	35751	19.201	ug/l #	81
15) Acrylonitrile	5.161	53	40167	102.560	ug/l	99
16) Acetone	3.942	43	41694	91.325	ug/l	98
17) Carbon Disulfide	4.198	76	90580	19.447	ug/l	99
18) Methyl Acetate	4.479	43	20420	19.988	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	85377	20.339	ug/l	96
20) Methylene Chloride	4.716	84	40021	15.446	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	33399	19.876	ug/l	93
22) Diisopropyl ether	6.118	45	73115	19.697	ug/l #	89
23) Vinyl Acetate	6.064	43	225240	97.378	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	52811	20.512	ug/l	94
25) 2-Butanone	6.984	43	50069	99.340	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	57973	20.742	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	38068	20.624	ug/l	94
28) Bromochloromethane	7.338	49	10496	18.666	ug/l #	71
29) Tetrahydrofuran	7.350	42	27467	99.212	ug/l #	78
30) Chloroform	7.508	83	62327	20.507	ug/l	97
31) Cyclohexane	7.789	56	46923	19.629	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	63386	21.066	ug/l	98
36) 1,1-Dichloropropene	7.917	75	44671	20.406	ug/l	96
37) Ethyl Acetate	7.076	43	19296	19.995	ug/l #	92
38) Carbon Tetrachloride	7.899	117	60838	21.518	ug/l	96
39) Methylcyclohexane	9.185	83	56591	21.154	ug/l	93
40) Benzene	8.161	78	132453	20.963	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9685m	17.073	ug/l	
42) 1,2-Dichloroethane	8.234	62	43343	21.548	ug/l	98
43) Isopropyl Acetate	8.271	43	35709	19.888	ug/l #	89
44) Trichloroethene	8.941	130	39443	20.886	ug/l	99
45) 1,2-Dichloropropane	9.216	63	26480	20.085	ug/l	99
46) Dibromomethane	9.307	93	18210	20.632	ug/l	95
47) Bromodichloromethane	9.496	83	46492	20.926	ug/l	99
48) Methyl methacrylate	9.295	41	16990	20.537	ug/l	89
49) 1,4-Dioxane	9.295	88	5121	425.805	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	97874	102.229	ug/l	93
52) Toluene	10.246	92	89283	21.223	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	47482	20.432	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	50948	20.357	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	25921	20.671	ug/l	98
56) Ethyl methacrylate	10.508	69	33604	20.426	ug/l	93
57) 1,3-Dichloropropane	10.788	76	42300	20.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	56635	104.041	ug/l #	88
59) 2-Hexanone	10.831	43	73391	100.685	ug/l	92
60) Dibromochloromethane	10.983	129	35116	21.114	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24870	20.553	ug/l	99
64) Tetrachloroethene	10.721	164	45083	22.260	ug/l	94
65) Chlorobenzene	11.514	112	95719	21.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36910	21.533	ug/l	97
67) Ethyl Benzene	11.593	91	169455	20.879	ug/l	99
68) m/p-Xylenes	11.703	106	136164	42.432	ug/l	98
69) o-Xylene	12.032	106	63757	20.801	ug/l	97
70) Styrene	12.044	104	108236	21.135	ug/l	99
71) Bromoform	12.209	173	23469	21.430	ug/l #	97
73) Isopropylbenzene	12.331	105	175813	21.167	ug/l	99
74) N-amyl acetate	12.142	43	31396	19.283	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	27139	20.744	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	19600m	18.505	ug/l	
77) Bromobenzene	12.611	156	40806	20.417	ug/l	91
78) n-propylbenzene	12.672	91	202293	20.813	ug/l	97
79) 2-Chlorotoluene	12.758	91	112324	20.440	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	151927	21.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10823	21.054	ug/l	97
82) 4-Chlorotoluene	12.855	91	116299	20.147	ug/l	94
83) tert-Butylbenzene	13.075	119	128410	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	150076	21.076	ug/l	99
85) sec-Butylbenzene	13.251	105	186315	20.794	ug/l	97
86) p-Isopropyltoluene	13.367	119	164943	21.070	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	82861	20.845	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82468	20.803	ug/l	99
89) n-Butylbenzene	13.696	91	139527	20.567	ug/l	97
90) Hexachloroethane	13.959	117	28746	20.341	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	73757	20.795	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5552	20.535	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	44326	19.504	ug/l	98
94) Hexachlorobutadiene	15.111	225	28024	20.481	ug/l	99
95) Naphthalene	15.233	128	88322	19.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	38192	19.529	ug/l	98

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

