

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012283.D
 Acq On : 20 Jan 2023 12:18
 Operator : KP/MD
 Sample : VY0120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 06:07:04 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	226848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	340849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86275	45.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.060%		
35) Dibromofluoromethane	7.716	113	83421	46.222	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.440%		
50) Toluene-d8	10.179	98	305350	48.719	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.483	95	113977	44.799	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41210	20.788	ug/l	99
3) Chloromethane	2.113	50	38299	20.927	ug/l	98
4) Vinyl Chloride	2.253	62	44417	20.793	ug/l	99
5) Bromomethane	2.644	94	32835	19.882	ug/l	96
6) Chloroethane	2.790	64	28412	20.395	ug/l	95
7) Trichlorofluoromethane	3.125	101	81545	19.560	ug/l	99
8) Diethyl Ether	3.527	74	24280	19.572	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	42441	20.917	ug/l	96
10) Methyl Iodide	4.088	142	55677	18.056	ug/l	98
11) Tert butyl alcohol	4.948	59	32793	141.626	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	42948	20.614	ug/l	92
13) Acrolein	3.729	56	11241	117.085	ug/l	98
14) Allyl chloride	4.479	41	54771	21.261	ug/l #	92
15) Acrylonitrile	5.155	53	54189	100.003	ug/l	99
16) Acetone	3.942	43	54185	85.780	ug/l	98
17) Carbon Disulfide	4.192	76	131323	20.378	ug/l	99
18) Methyl Acetate	4.479	43	28064	19.855	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	111872	19.262	ug/l	96
20) Methylene Chloride	4.716	84	59066	17.106	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	48584	20.897	ug/l	90
22) Diisopropyl ether	6.112	45	111231	21.658	ug/l #	90
23) Vinyl Acetate	6.064	43	328016	102.495	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	74811	21.001	ug/l	96
25) 2-Butanone	6.984	43	69394	99.510	ug/l	92
26) 2,2-Dichloropropane	6.978	77	76441	19.767	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	53071	20.781	ug/l	94
28) Bromochloromethane	7.338	49	15632	20.093	ug/l #	79
29) Tetrahydrofuran	7.350	42	38757	101.180	ug/l #	85
30) Chloroform	7.508	83	83850	19.940	ug/l	99
31) Cyclohexane	7.789	56	69457	21.000	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	81819	19.653	ug/l	98
36) 1,1-Dichloropropene	7.917	75	63457	20.688	ug/l	98
37) Ethyl Acetate	7.070	43	27226	20.135	ug/l #	94
38) Carbon Tetrachloride	7.905	117	77245	19.499	ug/l	98
39) Methylcyclohexane	9.185	83	80734	21.538	ug/l	95
40) Benzene	8.161	78	184654	20.858	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16526m	20.792	ug/l	
42) 1,2-Dichloroethane	8.234	62	53908	19.127	ug/l	99
43) Isopropyl Acetate	8.271	43	50842	20.210	ug/l	95
44) Trichloroethene	8.941	130	55199	20.861	ug/l	94
45) 1,2-Dichloropropane	9.215	63	40710	22.038	ug/l	98
46) Dibromomethane	9.301	93	24856	20.099	ug/l	95
47) Bromodichloromethane	9.496	83	62089	19.945	ug/l	100
48) Methyl methacrylate	9.295	41	23784	20.519	ug/l	93
49) 1,4-Dioxane	9.301	88	6514	386.562	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	134557	100.307	ug/l	94
52) Toluene	10.246	92	120131	20.380	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	64686	19.866	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	72447	20.660	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	35149	20.005	ug/l	96
56) Ethyl methacrylate	10.508	69	45634	19.797	ug/l	93
57) 1,3-Dichloropropane	10.788	76	59444	20.716	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	78605	103.058	ug/l	91
59) 2-Hexanone	10.831	43	100609	98.509	ug/l	94
60) Dibromochloromethane	10.983	129	46295	19.866	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34284	20.221	ug/l	98
64) Tetrachloroethene	10.721	164	60942	21.646	ug/l	95
65) Chlorobenzene	11.514	112	129808	20.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49644	20.834	ug/l	98
67) Ethyl Benzene	11.593	91	231265	20.498	ug/l	98
68) m/p-Xylenes	11.703	106	182477	40.906	ug/l	99
69) o-Xylene	12.026	106	87111	20.445	ug/l	96
70) Styrene	12.044	104	147001	20.649	ug/l	99
71) Bromoform	12.209	173	30352	19.937	ug/l #	99
73) Isopropylbenzene	12.331	105	235157	20.914	ug/l	99
74) N-amyl acetate	12.142	43	43943	19.936	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	36132	20.401	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	33247m	23.187	ug/l	
77) Bromobenzene	12.611	156	55835	20.636	ug/l	93
78) n-propylbenzene	12.672	91	276552	21.018	ug/l	98
79) 2-Chlorotoluene	12.758	91	155111	20.850	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	204610	20.933	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14658	21.063	ug/l	95
82) 4-Chlorotoluene	12.855	91	160219	20.503	ug/l	97
83) tert-Butylbenzene	13.075	119	172697	20.271	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	199431	20.689	ug/l	99
85) sec-Butylbenzene	13.251	105	253471	20.897	ug/l	98
86) p-Isopropyltoluene	13.367	119	218746	20.641	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	109958	20.434	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	109323	20.371	ug/l	99
89) n-Butylbenzene	13.696	91	189825	20.669	ug/l	98
90) Hexachloroethane	13.965	117	39839	20.824	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	97474	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6862	18.748	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	57945	18.834	ug/l	99
94) Hexachlorobutadiene	15.111	225	37114	20.036	ug/l	98
95) Naphthalene	15.239	128	107806	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49149	18.564	ug/l	99

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

