

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016182.D
 Acq On : 02 Nov 2023 11:40
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/03/2023
 Supervised By :Semsettin Yesilyurt 11/03/2023

Quant Time: Nov 03 01:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	195526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	310192	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.507	117	262759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	121427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	86099	47.059	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.120%		
35) Dibromofluoromethane	7.734	113	84559	45.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.460%		
50) Toluene-d8	10.197	98	353079	48.156	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.495	95	114090	45.506	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	24283	19.469	ug/l	99
3) Chloromethane	2.125	50	33590	19.452	ug/l	98
4) Vinyl Chloride	2.265	62	35985	20.190	ug/l	99
5) Bromomethane	2.668	94	21981	18.275	ug/l	95
6) Chloroethane	2.814	64	24050	19.167	ug/l	95
7) Trichlorofluoromethane	3.149	101	57532	21.382	ug/l	100
8) Diethyl Ether	3.545	74	17654	19.796	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.923	101	35275	20.810	ug/l	96
10) Methyl Iodide	4.112	142	36018	19.108	ug/l	95
11) Tert butyl alcohol	4.990	59	13277	97.126	ug/l #	92
12) 1,1-Dichloroethene	3.899	96	31244	20.194	ug/l	91
13) Acrolein	3.747	56	12169	91.564	ug/l	100
14) Allyl chloride	4.503	41	47513	21.470	ug/l #	93
15) Acrylonitrile	5.191	53	35688	93.650	ug/l	97
16) Acetone	3.966	43	27383	80.848	ug/l #	87
17) Carbon Disulfide	4.222	76	71554	18.525	ug/l	96
18) Methyl Acetate	4.503	43	26882	18.270	ug/l	91
19) Methyl tert-butyl Ether	5.252	73	86730	19.708	ug/l	99
20) Methylene Chloride	4.746	84	38957	19.049	ug/l	88
21) trans-1,2-Dichloroethene	5.246	96	36316	20.151	ug/l	91
22) Diisopropyl ether	6.143	45	110703	20.682	ug/l	89
23) Vinyl Acetate	6.088	43	254425	96.811	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	67229	20.986	ug/l	96
25) 2-Butanone	7.008	43	43427	86.033	ug/l	90
26) 2,2-Dichloropropane	7.008	77	63905	21.103	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	43133	20.338	ug/l	94
28) Bromochloromethane	7.356	49	22586	18.841	ug/l	84
29) Tetrahydrofuran	7.368	42	28481	90.011	ug/l	91
30) Chloroform	7.533	83	72607	20.818	ug/l	97
31) Cyclohexane	7.807	56	55005	19.557	ug/l #	80
32) 1,1,1-Trichloroethane	7.721	97	66641	20.835	ug/l	98
36) 1,1-Dichloropropene	7.941	75	51945	19.453	ug/l	98
37) Ethyl Acetate	7.094	43	21395	17.989	ug/l #	96
38) Carbon Tetrachloride	7.923	117	57273	21.649	ug/l	99
39) Methylcyclohexane	9.203	83	62197	19.513	ug/l	93
40) Benzene	8.179	78	154039	20.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	13406	19.419	ug/l #	85
42) 1,2-Dichloroethane	8.258	62	46174	21.583	ug/l	94
43) Isopropyl Acetate	8.288	43	44028	18.714	ug/l #	91
44) Trichloroethene	8.959	130	44667	19.910	ug/l	98
45) 1,2-Dichloropropane	9.233	63	38239	20.735	ug/l	96
46) Dibromomethane	9.319	93	19804	18.930	ug/l	98
47) Bromodichloromethane	9.514	83	55095	20.727	ug/l	98
48) Methyl methacrylate	9.313	41	19797	18.505	ug/l	91
49) 1,4-Dioxane	9.313	88	4259	255.816	ug/l #	64
51) 4-Methyl-2-Pentanone	10.087	43	109618	93.381	ug/l	93
52) Toluene	10.258	92	105783	21.294	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	53228	20.060	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	63527	20.403	ug/l	91
55) 1,1,2-Trichloroethane	10.660	97	28652	19.470	ug/l	97
56) Ethyl methacrylate	10.526	69	35396	18.521	ug/l	88
57) 1,3-Dichloropropane	10.806	76	47597	18.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.800	63	88778	95.797	ug/l	93
59) 2-Hexanone	10.849	43	72900	90.625	ug/l	91
60) Dibromochloromethane	11.001	129	37049	20.068	ug/l	99
61) 1,2-Dibromoethane	11.105	107	26349	18.824	ug/l	100
64) Tetrachloroethene	10.733	164	43992	18.822	ug/l	96
65) Chlorobenzene	11.532	112	106923	20.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	39972	20.672	ug/l	96
67) Ethyl Benzene	11.605	91	195613	20.950	ug/l	100
68) m/p-Xylenes	11.715	106	148913	41.272	ug/l	96
69) o-Xylene	12.044	106	70585	20.489	ug/l	97
70) Styrene	12.062	104	116056	20.265	ug/l	97
71) Bromoform	12.221	173	20933	19.515	ug/l #	98
73) Isopropylbenzene	12.343	105	194157	21.316	ug/l	100
74) N-amyl acetate	12.160	43	37292	18.841	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	28948	19.972	ug/l	100
76) 1,2,3-Trichloropropane	12.647	75	24129m	21.101	ug/l	
77) Bromobenzene	12.623	156	41745	20.240	ug/l	95
78) n-propylbenzene	12.684	91	225963	20.983	ug/l	99
79) 2-Chlorotoluene	12.769	91	124394	20.711	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	155709	21.100	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.391	75	9795	18.573	ug/l	95
82) 4-Chlorotoluene	12.867	91	126386	20.492	ug/l	99
83) tert-Butylbenzene	13.086	119	140788	21.322	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	150919	20.668	ug/l	99
85) sec-Butylbenzene	13.269	105	207418	21.403	ug/l	100
86) p-Isopropyltoluene	13.385	119	169332	21.082	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	83510	20.473	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	80777	20.036	ug/l	98
89) n-Butylbenzene	13.708	91	154192	20.893	ug/l	96
90) Hexachloroethane	13.976	117	30423	21.980	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	72506	20.573	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4560	17.580	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	41404	19.034	ug/l	100
94) Hexachlorobutadiene	15.129	225	24920	20.965	ug/l	97
95) Naphthalene	15.251	128	70436	16.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	33590	18.077	ug/l	99

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

