

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016183.D
 Acq On : 02 Nov 2023 12:02
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 01:38:07 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	7.813	168	192426	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	305285	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	262972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86986	48.310	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.620%		
35) Dibromofluoromethane	7.740	113	83173	45.699	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.400%		
50) Toluene-d8	10.197	98	345392	47.865	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.496	95	114678	46.475	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21392	17.428	ug/l	98
3) Chloromethane	2.125	50	31085	18.291	ug/l	97
4) Vinyl Chloride	2.266	62	34266	19.535	ug/l	99
5) Bromomethane	2.662	94	21163	17.878	ug/l	96
6) Chloroethane	2.814	64	22309	18.066	ug/l	95
7) Trichlorofluoromethane	3.144	101	52636	19.877	ug/l	98
8) Diethyl Ether	3.546	74	17382	19.805	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.924	101	32096	19.240	ug/l	96
10) Methyl Iodide	4.113	142	33714	18.174	ug/l	97
11) Tert butyl alcohol	4.973	59	14820	110.160	ug/l #	89
12) 1,1-Dichloroethene	3.900	96	28516	18.728	ug/l	91
13) Acrolein	3.747	56	13922	107.853	ug/l	100
14) Allyl chloride	4.509	41	45474	20.880	ug/l #	96
15) Acrylonitrile	5.192	53	37975	101.257	ug/l	99
16) Acetone	3.967	43	30174	92.996	ug/l	98
17) Carbon Disulfide	4.223	76	65956	17.350	ug/l	97
18) Methyl Acetate	4.503	43	28985	20.017	ug/l	92
19) Methyl tert-butyl Ether	5.247	73	89942	20.767	ug/l	99
20) Methylene Chloride	4.741	84	38522	19.155	ug/l	93
21) trans-1,2-Dichloroethene	5.253	96	33803	19.059	ug/l	93
22) Diisopropyl ether	6.143	45	109699	20.825	ug/l	90
23) Vinyl Acetate	6.088	43	265876	102.798	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	63658	20.192	ug/l	96
25) 2-Butanone	7.015	43	47711	96.043	ug/l	95
26) 2,2-Dichloropropane	7.009	77	60243	20.214	ug/l	98
27) cis-1,2-Dichloroethene	7.015	96	40975	19.631	ug/l	94
28) Bromochloromethane	7.362	49	23839	20.207	ug/l	90
29) Tetrahydrofuran	7.375	42	31772	102.029	ug/l	90
30) Chloroform	7.527	83	70018	20.399	ug/l	97
31) Cyclohexane	7.807	56	51051	18.444	ug/l #	82
32) 1,1,1-Trichloroethane	7.722	97	61954	19.682	ug/l	98
36) 1,1-Dichloropropene	7.941	75	50225	19.111	ug/l	100
37) Ethyl Acetate	7.094	43	23867	20.390	ug/l #	95
38) Carbon Tetrachloride	7.923	117	53350	20.490	ug/l	97
39) Methylcyclohexane	9.203	83	59063	18.827	ug/l	93
40) Benzene	8.179	78	147813	19.591	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12695	18.684	ug/l #	92
42) 1,2-Dichloroethane	8.259	62	45297	21.513	ug/l	94
43) Isopropyl Acetate	8.289	43	46618	20.134	ug/l	92
44) Trichloroethene	8.960	130	42292	19.154	ug/l	96
45) 1,2-Dichloropropane	9.234	63	36976	20.372	ug/l	100
46) Dibromomethane	9.325	93	20258	19.675	ug/l	98
47) Bromodichloromethane	9.508	83	52929	20.233	ug/l	97
48) Methyl methacrylate	9.307	41	20300	19.281	ug/l	91
49) 1,4-Dioxane	9.313	88	4371	272.383	ug/l #	69
51) 4-Methyl-2-Pentanone	10.081	43	120436	104.245	ug/l	93
52) Toluene	10.258	92	102187	20.901	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	52943	20.273	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	60366	19.699	ug/l	92
55) 1,1,2-Trichloroethane	10.661	97	29116	20.103	ug/l	92
56) Ethyl methacrylate	10.526	69	37710	20.049	ug/l	88
57) 1,3-Dichloropropane	10.807	76	48703	19.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	92577	101.502	ug/l	93
59) 2-Hexanone	10.843	43	83088	104.950	ug/l	89
60) Dibromochloromethane	10.996	129	35765	19.684	ug/l	98
61) 1,2-Dibromoethane	11.099	107	26895	19.523	ug/l	99
64) Tetrachloroethene	10.734	164	42307	18.087	ug/l	96
65) Chlorobenzene	11.526	112	103983	19.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	39382	20.351	ug/l	99
67) Ethyl Benzene	11.605	91	186984	20.009	ug/l	100
68) m/p-Xylenes	11.715	106	143267	39.675	ug/l	96
69) o-Xylene	12.038	106	68931	19.993	ug/l	96
70) Styrene	12.057	104	112350	19.602	ug/l	97
71) Bromoform	12.221	173	21566	20.089	ug/l #	99
73) Isopropylbenzene	12.343	105	183179	19.955	ug/l	99
74) N-amyl acetate	12.154	43	39802	19.953	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	30952	21.190	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	23121m	20.063	ug/l	
77) Bromobenzene	12.624	156	41139	19.792	ug/l	95
78) n-propylbenzene	12.685	91	217877	20.076	ug/l	100
79) 2-Chlorotoluene	12.770	91	120269	19.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	146595	19.711	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	10966	20.632	ug/l	92
82) 4-Chlorotoluene	12.867	91	122966	19.783	ug/l	99
83) tert-Butylbenzene	13.087	119	132587	19.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	144910	19.692	ug/l	98
85) sec-Butylbenzene	13.264	105	192317	19.691	ug/l	99
86) p-Isopropyltoluene	13.380	119	160500	19.828	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	81339	19.786	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	80569	19.830	ug/l	99
89) n-Butylbenzene	13.709	91	147659	19.853	ug/l	96
90) Hexachloroethane	13.971	117	28818	20.659	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	71214	20.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4949	18.931	ug/l	95
93) 1,2,4-Trichlorobenzene	15.020	180	42140	19.222	ug/l	98
94) Hexachlorobutadiene	15.123	225	25015	20.882	ug/l	96
95) Naphthalene	15.245	128	79345	18.631	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	35677	19.051	ug/l	97

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

