

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011566.D
 Acq On : 23 Nov 2022 11:39
 Operator : KP/MD
 Sample : VY1123SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1123SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 24 00:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95306	50.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.540%			
35) Dibromofluoromethane	7.722	113	94179	51.538	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.080%			
50) Toluene-d8	10.179	98	332671	50.097	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.483	95	125689	51.193	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	29588	26.390	ug/l	100
3) Chloromethane	2.113	50	39224	22.518	ug/l	96
4) Vinyl Chloride	2.253	62	44515	21.287	ug/l	99
5) Bromomethane	2.644	94	30752	20.695	ug/l	98
6) Chloroethane	2.796	64	28792	19.734	ug/l	98
7) Trichlorofluoromethane	3.131	101	68080	22.195	ug/l	95
8) Diethyl Ether	3.528	74	21995	22.186	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	39876	22.481	ug/l	94
10) Methyl Iodide	4.095	142	44694	21.627	ug/l	94
11) Tert butyl alcohol	4.942	59	29023	128.116	ug/l	98
12) 1,1-Dichloroethene	3.875	96	36467	22.444	ug/l	83
13) Acrolein	3.729	56	8363	168.947	ug/l	97
14) Allyl chloride	4.485	41	65581	22.993	ug/l	92
15) Acrylonitrile	5.162	53	59631	110.125	ug/l	98
16) Acetone	3.948	43	61414	100.713	ug/l	92
17) Carbon Disulfide	4.198	76	102153	22.685	ug/l	98
18) Methyl Acetate	4.479	43	34660	23.276	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	103123	22.239	ug/l	98
20) Methylene Chloride	4.716	84	71015	25.899	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	42324	22.542	ug/l	95
22) Diisopropyl ether	6.119	45	141497	22.727	ug/l	98
23) Vinyl Acetate	6.064	43	404512	111.538	ug/l	97
24) 1,1-Dichloroethane	6.021	63	79307	21.695	ug/l	99
25) 2-Butanone	6.990	43	86609	108.072	ug/l	93
26) 2,2-Dichloropropane	6.984	77	71893	21.309	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	48494	21.939	ug/l	95
28) Bromochloromethane	7.338	49	31199	21.245	ug/l	96
29) Tetrahydrofuran	7.350	42	50313	111.169	ug/l	95
30) Chloroform	7.509	83	81908	21.606	ug/l	99
31) Cyclohexane	7.789	56	68071	21.876	ug/l #	91
32) 1,1,1-Trichloroethane	7.704	97	72096	21.260	ug/l	97
36) 1,1-Dichloropropene	7.923	75	61251	21.443	ug/l	100
37) Ethyl Acetate	7.070	43	35817	22.020	ug/l	98
38) Carbon Tetrachloride	7.905	117	65862	20.609	ug/l	99
39) Methylcyclohexane	9.185	83	68390	21.455	ug/l	96
40) Benzene	8.161	78	177962	21.388	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16570m	20.148	ug/l	
42) 1,2-Dichloroethane	8.240	62	52564	20.427	ug/l	94
43) Isopropyl Acetate	8.277	43	62193	21.195	ug/l	94
44) Trichloroethene	8.941	130	47077	21.028	ug/l	99
45) 1,2-Dichloropropane	9.216	63	45385	21.339	ug/l	97
46) Dibromomethane	9.307	93	24442	20.554	ug/l	95
47) Bromodichloromethane	9.496	83	62056	20.717	ug/l	99
48) Methyl methacrylate	9.295	41	27252	20.910	ug/l	90
49) 1,4-Dioxane	9.301	88	6059	411.421	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	171181	104.945	ug/l	95
52) Toluene	10.246	92	111090	21.113	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	61553	20.557	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	70923	21.055	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	36089	21.212	ug/l	99
56) Ethyl methacrylate	10.508	69	43681	20.644	ug/l #	86
57) 1,3-Dichloropropane	10.789	76	61092	21.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	106111	102.395	ug/l	98
59) 2-Hexanone	10.831	43	120983	103.920	ug/l	94
60) Dibromochloromethane	10.984	129	42494	20.381	ug/l	98
61) 1,2-Dibromoethane	11.087	107	32637	21.016	ug/l	99
64) Tetrachloroethene	10.721	164	46663	20.960	ug/l	98
65) Chlorobenzene	11.514	112	120006	21.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44222	20.624	ug/l	96
67) Ethyl Benzene	11.593	91	212756	20.828	ug/l	99
68) m/p-Xylenes	11.703	106	167329	43.033	ug/l	96
69) o-Xylene	12.032	106	77927	21.526	ug/l	96
70) Styrene	12.044	104	131698	21.312	ug/l	98
71) Bromoform	12.209	173	26337	20.190	ug/l #	99
73) Isopropylbenzene	12.331	105	207798	21.111	ug/l	99
74) N-amyl acetate	12.142	43	52297	21.515	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41497	21.395	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33384m	22.777	ug/l	
77) Bromobenzene	12.611	156	47949	20.862	ug/l	99
78) n-propylbenzene	12.672	91	259256	21.589	ug/l	100
79) 2-Chlorotoluene	12.758	91	146010	21.572	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	181406	21.863	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	13994	20.913	ug/l	92
82) 4-Chlorotoluene	12.855	91	151259	21.373	ug/l	99
83) tert-Butylbenzene	13.075	119	151655	20.984	ug/l	98
84) 1,2,4-Trimethylbenzene	13.124	105	179128	21.859	ug/l	99
85) sec-Butylbenzene	13.252	105	232749	21.584	ug/l	100
86) p-Isopropyltoluene	13.373	119	195287	21.700	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	97996	20.945	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	98524	21.060	ug/l	98
89) n-Butylbenzene	13.697	91	179580	21.707	ug/l	100
90) Hexachloroethane	13.959	117	39157	21.547	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	86934	20.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6572	20.661	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	49257	21.412	ug/l	98
94) Hexachlorobutadiene	15.111	225	31073	21.730	ug/l	98
95) Naphthalene	15.239	128	91735	21.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	42188	21.400	ug/l	98

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

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