

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011452.D
 Acq On : 15 Nov 2022 12:58
 Operator : KP/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 15 15:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103193	45.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.380%		
35) Dibromofluoromethane	7.716	113	113737	48.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.060%		
50) Toluene-d8	10.179	98	413808	45.742	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.483	95	154917	49.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44654	25.059	ug/l	97
3) Chloromethane	2.119	50	42904	19.588	ug/l	95
4) Vinyl Chloride	2.253	62	52773	20.439	ug/l	99
5) Bromomethane	2.644	94	38738	20.719	ug/l	99
6) Chloroethane	2.796	64	35193	20.527	ug/l	97
7) Trichlorofluoromethane	3.131	101	86176	21.153	ug/l	98
8) Diethyl Ether	3.534	74	28096	19.640	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.906	101	50434	20.420	ug/l	95
10) Methyl Iodide	4.101	142	60644	18.410	ug/l	90
11) Tert butyl alcohol	4.948	59	35227	108.265	ug/l	96
12) 1,1-Dichloroethene	3.875	96	47552	19.445	ug/l #	80
13) Acrolein	3.735	56	10472	137.379	ug/l	100
14) Allyl chloride	4.479	41	63025	19.098	ug/l #	81
15) Acrylonitrile	5.168	53	67679	99.011	ug/l	97
16) Acetone	3.948	43	62199	103.212	ug/l #	79
17) Carbon Disulfide	4.198	76	135073	18.544	ug/l	99
18) Methyl Acetate	4.485	43	35408	20.521	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	125843	19.677	ug/l	92
20) Methylene Chloride	4.716	84	92425	24.374	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	54719	19.625	ug/l #	81
22) Diisopropyl ether	6.119	45	139526	19.810	ug/l #	93
23) Vinyl Acetate	6.064	43	394952	95.854	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	93078	20.294	ug/l	99
25) 2-Butanone	6.990	43	85843	100.003	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	86881	20.256	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	61919	19.733	ug/l	85
28) Bromochloromethane	7.338	49	30603	18.373	ug/l #	67
29) Tetrahydrofuran	7.350	42	50619	97.348	ug/l #	76
30) Chloroform	7.509	83	99528	20.518	ug/l	98
31) Cyclohexane	7.789	56	77366	18.853	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	89380	20.373	ug/l	94
36) 1,1-Dichloropropene	7.923	75	74299	20.216	ug/l	96
37) Ethyl Acetate	7.076	43	35221	19.950	ug/l #	90
38) Carbon Tetrachloride	7.905	117	83214	20.815	ug/l	99
39) Methylcyclohexane	9.185	83	88922	19.801	ug/l #	87
40) Benzene	8.161	78	222286	20.253	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	18430m	20.159	ug/l	
42) 1,2-Dichloroethane	8.240	62	58045	20.181	ug/l	89
43) Isopropyl Acetate	8.277	43	61656	19.359	ug/l #	83
44) Trichloroethene	8.941	130	62576	20.297	ug/l	97
45) 1,2-Dichloropropane	9.216	63	52574	20.127	ug/l	96
46) Dibromomethane	9.307	93	31330	20.600	ug/l	98
47) Bromodichloromethane	9.496	83	74733	20.510	ug/l	99
48) Methyl methacrylate	9.295	41	28399	19.842	ug/l #	71
49) 1,4-Dioxane	9.301	88	8062	388.295	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	173000	101.010	ug/l #	83
52) Toluene	10.246	92	144980	20.686	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	76086	20.251	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	87279	20.127	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	46241	20.996	ug/l	98
56) Ethyl methacrylate	10.514	69	55207	19.494	ug/l #	69
57) 1,3-Dichloropropane	10.795	76	75496	20.549	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	126751	96.821	ug/l	91
59) 2-Hexanone	10.831	43	123703	101.955	ug/l	79
60) Dibromochloromethane	10.984	129	57106	21.006	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43686	20.630	ug/l	99
64) Tetrachloroethene	10.721	164	62837	20.590	ug/l	94
65) Chlorobenzene	11.520	112	157960	20.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58825	20.575	ug/l	99
67) Ethyl Benzene	11.593	91	271788	20.354	ug/l	99
68) m/p-Xylenes	11.703	106	215466	41.159	ug/l	93
69) o-Xylene	12.032	106	100739	20.403	ug/l	92
70) Styrene	12.044	104	170616	20.556	ug/l	95
71) Bromoform	12.209	173	36729	20.726	ug/l #	99
73) Isopropylbenzene	12.331	105	271730	20.142	ug/l	100
74) N-amyl acetate	12.142	43	52366	18.450	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.581	83	52772	20.360	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41908m	18.549	ug/l	
77) Bromobenzene	12.611	156	64343	19.945	ug/l	92
78) n-propylbenzene	12.672	91	328097	20.382	ug/l	97
79) 2-Chlorotoluene	12.758	91	183395	19.921	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	233434	20.515	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18358	19.531	ug/l #	81
82) 4-Chlorotoluene	12.855	91	189473	19.826	ug/l	96
83) tert-Butylbenzene	13.075	119	197032	20.028	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	228772	20.483	ug/l	98
85) sec-Butylbenzene	13.251	105	296631	20.484	ug/l	99
86) p-Isopropyltoluene	13.367	119	251604	20.728	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	130614	20.282	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	129220	20.291	ug/l	98
89) n-Butylbenzene	13.696	91	222956	20.441	ug/l	98
90) Hexachloroethane	13.959	117	48672	20.494	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	116169	20.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8304	19.663	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	67579	20.067	ug/l	99
94) Hexachlorobutadiene	15.111	225	42953	21.588	ug/l	98
95) Naphthalene	15.239	128	128873	19.584	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	58748	20.201	ug/l	99

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

