

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011437.D
 Acq On : 14 Nov 2022 14:17
 Operator : KP/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:49:30 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	275743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	391636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109647	47.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.900%		
35) Dibromofluoromethane	7.716	113	117646	48.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.380%		
50) Toluene-d8	10.179	98	429625	46.545	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.080%		
62) 4-Bromofluorobenzene	12.483	95	160678	49.908	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44702	24.737	ug/l	98
3) Chloromethane	2.113	50	44782	20.207	ug/l	94
4) Vinyl Chloride	2.253	62	54383	20.817	ug/l	100
5) Bromomethane	2.643	94	38641	20.426	ug/l	100
6) Chloroethane	2.790	64	35190	20.286	ug/l	98
7) Trichlorofluoromethane	3.125	101	85318	20.699	ug/l	93
8) Diethyl Ether	3.527	74	29351	20.278	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	49527	19.819	ug/l	94
10) Methyl Iodide	4.094	142	61892	18.570	ug/l	90
11) Tert butyl alcohol	4.948	59	38438	119.471	ug/l	97
12) 1,1-Dichloroethene	3.875	96	48149	19.460	ug/l #	73
13) Acrolein	3.729	56	11088	146.210	ug/l	98
14) Allyl chloride	4.479	41	63763	19.097	ug/l #	82
15) Acrylonitrile	5.161	53	72387	104.666	ug/l	97
16) Acetone	3.948	43	62850	103.078	ug/l #	75
17) Carbon Disulfide	4.198	76	134512	18.252	ug/l	99
18) Methyl Acetate	4.479	43	39010	22.448	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	131506	20.323	ug/l	94
20) Methylene Chloride	4.710	84	92178	23.900	ug/l #	75
21) trans-1,2-Dichloroethene	5.222	96	55264	19.590	ug/l	84
22) Diisopropyl ether	6.118	45	143260	20.104	ug/l #	90
23) Vinyl Acetate	6.064	43	416390	99.880	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	92013	19.829	ug/l	97
25) 2-Butanone	6.984	43	90341	104.017	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	86811	20.004	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	63566	20.022	ug/l	84
28) Bromochloromethane	7.332	49	32297	19.165	ug/l #	67
29) Tetrahydrofuran	7.350	42	54731	104.030	ug/l #	75
30) Chloroform	7.508	83	101066	20.593	ug/l	100
31) Cyclohexane	7.789	56	76675	18.467	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	88302	19.893	ug/l	93
36) 1,1-Dichloropropene	7.917	75	72946	19.452	ug/l	96
37) Ethyl Acetate	7.076	43	37901	21.040	ug/l #	90
38) Carbon Tetrachloride	7.899	117	81281	19.926	ug/l	98
39) Methylcyclohexane	9.185	83	87724	19.145	ug/l	88
40) Benzene	8.161	78	224453	20.043	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18399m	19.725	ug/l	
42) 1,2-Dichloroethane	8.240	62	60466	20.604	ug/l	88
43) Isopropyl Acetate	8.271	43	65711	20.221	ug/l #	83
44) Trichloroethene	8.941	130	62506	19.870	ug/l	96
45) 1,2-Dichloropropane	9.215	63	52904	19.850	ug/l	96
46) Dibromomethane	9.307	93	32326	20.832	ug/l	98
47) Bromodichloromethane	9.496	83	75257	20.242	ug/l	98
48) Methyl methacrylate	9.295	41	28114	19.251	ug/l #	68
49) 1,4-Dioxane	9.301	88	9073	428.281	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	184433	105.540	ug/l #	82
52) Toluene	10.246	92	142982	19.995	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	78492	20.475	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	90077	20.359	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	47891	21.312	ug/l	97
56) Ethyl methacrylate	10.508	69	59940	20.743	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	76798	20.487	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	138194	103.458	ug/l	91
59) 2-Hexanone	10.831	43	132788	107.262	ug/l	79
60) Dibromochloromethane	10.983	129	58136	20.959	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44715	20.696	ug/l	100
64) Tetrachloroethene	10.721	164	62435	19.944	ug/l	99
65) Chlorobenzene	11.514	112	156548	19.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	58955	20.103	ug/l	98
67) Ethyl Benzene	11.593	91	268021	19.568	ug/l	99
68) m/p-Xylenes	11.703	106	213800	39.815	ug/l	93
69) o-Xylene	12.032	106	100159	19.776	ug/l	93
70) Styrene	12.044	104	172868	20.304	ug/l	94
71) Bromoform	12.209	173	38074	20.945	ug/l #	99
73) Isopropylbenzene	12.331	105	267736	19.233	ug/l	100
74) N-amyl acetate	12.142	43	56797	19.393	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	54198	20.264	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	43920m	18.839	ug/l	
77) Bromobenzene	12.611	156	65627	19.714	ug/l	93
78) n-propylbenzene	12.672	91	320909	19.320	ug/l	97
79) 2-Chlorotoluene	12.758	91	181998	19.159	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	230116	19.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19603	20.211	ug/l #	80
82) 4-Chlorotoluene	12.855	91	191535	19.423	ug/l	98
83) tert-Butylbenzene	13.075	119	194744	19.184	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	228179	19.799	ug/l	98
85) sec-Butylbenzene	13.251	105	291658	19.518	ug/l	99
86) p-Isopropyltoluene	13.367	119	247798	19.783	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	131472	19.784	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	131974	20.083	ug/l	99
89) n-Butylbenzene	13.696	91	221692	19.698	ug/l	99
90) Hexachloroethane	13.959	117	47521	19.391	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	117892	19.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8960	20.561	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	69523	20.006	ug/l	99
94) Hexachlorobutadiene	15.111	225	42179	20.545	ug/l	98
95) Naphthalene	15.239	128	137886	20.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60521	20.168	ug/l	99

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

