

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012152.D
 Acq On : 11 Jan 2023 10:49
 Operator : KP/MD
 Sample : VY0111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0111SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

Quant Time: Jan 11 11:45:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79149	45.858	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.720%		
35) Dibromofluoromethane	7.716	113	73112	49.117	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.240%		
50) Toluene-d8	10.179	98	276951	47.138	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.483	95	102246	49.787	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29920	22.393	ug/l	99
3) Chloromethane	2.113	50	27161	22.574	ug/l	95
4) Vinyl Chloride	2.253	62	32390	21.697	ug/l	97
5) Bromomethane	2.644	94	26140	24.618	ug/l	96
6) Chloroethane	2.796	64	21633	21.873	ug/l	96
7) Trichlorofluoromethane	3.125	101	65532	22.035	ug/l	100
8) Diethyl Ether	3.534	74	18132	19.913	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	31838	20.792	ug/l	95
10) Methyl Iodide	4.094	142	40403	19.464	ug/l	94
11) Tert butyl alcohol	4.948	59	15236	48.932	ug/l	99
12) 1,1-Dichloroethene	3.869	96	31741	21.144	ug/l	99
13) Acrolein	3.735	56	10422	95.508	ug/l	99
14) Allyl chloride	4.485	41	39036	19.289	ug/l #	84
15) Acrylonitrile	5.167	53	40492	94.651	ug/l	98
16) Acetone	3.948	43	39785	97.991	ug/l	96
17) Carbon Disulfide	4.198	76	91947	22.836	ug/l	100
18) Methyl Acetate	4.479	43	20559	17.603	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	85756	19.408	ug/l	98
20) Methylene Chloride	4.716	84	47319	24.557	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	36361	21.889	ug/l	91
22) Diisopropyl ether	6.118	45	81892	19.671	ug/l #	91
23) Vinyl Acetate	6.064	43	242803	96.382	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	56951	20.566	ug/l	99
25) 2-Butanone	6.984	43	48957	91.394	ug/l	93
26) 2,2-Dichloropropane	6.978	77	60721	20.326	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	39534	20.837	ug/l	95
28) Bromochloromethane	7.338	49	13232	18.901	ug/l #	75
29) Tetrahydrofuran	7.350	42	28884	92.376	ug/l	88
30) Chloroform	7.508	83	67297	21.320	ug/l	96
31) Cyclohexane	7.789	56	49218	20.509	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	65133	21.245	ug/l	98
36) 1,1-Dichloropropene	7.923	75	49082	21.734	ug/l	97
37) Ethyl Acetate	7.076	43	22036	18.224	ug/l #	95
38) Carbon Tetrachloride	7.899	117	63462	22.140	ug/l	99
39) Methylcyclohexane	9.185	83	58197	21.572	ug/l	93
40) Benzene	8.161	78	141008	21.427	ug/l	100

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41) Methacrylonitrile	7.307	41	10252m	15.589	ug/l	
42) 1,2-Dichloroethane	8.240	62	44982	21.590	ug/l	99
43) Isopropyl Acetate	8.271	43	37765	18.636	ug/l	93
44) Trichloroethene	8.941	130	41936	21.824	ug/l	97
45) 1,2-Dichloropropane	9.215	63	30568	20.848	ug/l	95
46) Dibromomethane	9.307	93	19515	21.142	ug/l	96
47) Bromodichloromethane	9.496	83	50811	21.649	ug/l	99
48) Methyl methacrylate	9.295	41	17045	18.778	ug/l	90
49) 1,4-Dioxane	9.301	88	4962	388.203	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	100640	93.335	ug/l	97
52) Toluene	10.246	92	95054	21.822	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	51275	21.001	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	55367	20.961	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28208	21.159	ug/l	96
56) Ethyl methacrylate	10.508	69	35082	20.088	ug/l	94
57) 1,3-Dichloropropane	10.788	76	45940	20.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	61828	96.789	ug/l	89
59) 2-Hexanone	10.831	43	72337	95.540	ug/l	95
60) Dibromochloromethane	10.983	129	37595	21.388	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26679	20.909	ug/l	98
64) Tetrachloroethene	10.721	164	45735	22.195	ug/l	97
65) Chlorobenzene	11.514	112	102589	21.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	39610	21.356	ug/l	98
67) Ethyl Benzene	11.593	91	180963	21.075	ug/l	98
68) m/p-Xylenes	11.703	106	146480	43.494	ug/l	98
69) o-Xylene	12.032	106	68728	21.433	ug/l	97
70) Styrene	12.044	104	117145	21.506	ug/l	100
71) Bromoform	12.209	173	24280	20.603	ug/l #	98
73) Isopropylbenzene	12.331	105	188396	20.655	ug/l	99
74) N-amyl acetate	12.142	43	33225	17.644	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	29541	19.253	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	24188m	18.377	ug/l	
77) Bromobenzene	12.611	156	44064	20.255	ug/l	92
78) n-propylbenzene	12.672	91	219161	20.582	ug/l	99
79) 2-Chlorotoluene	12.758	91	124286	20.405	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	164084	20.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11140	18.797	ug/l	98
82) 4-Chlorotoluene	12.855	91	130729	20.521	ug/l	98
83) tert-Butylbenzene	13.075	119	140094	20.438	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	162752	21.016	ug/l	100
85) sec-Butylbenzene	13.251	105	202744	20.578	ug/l	98
86) p-Isopropyltoluene	13.367	119	178394	20.900	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	90332	20.715	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	89174	20.471	ug/l	99
89) n-Butylbenzene	13.696	91	152567	20.626	ug/l	98
90) Hexachloroethane	13.959	117	32461	20.499	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	79035	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5591	18.334	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	48130	19.871	ug/l	98
94) Hexachlorobutadiene	15.111	225	31861	21.802	ug/l	99
95) Naphthalene	15.239	128	88700	18.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41060	19.498	ug/l	99

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

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