

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012415.D
 Acq On : 31 Jan 2023 13:15
 Operator : KP/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 01:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64642	49.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.560%		
35) Dibromofluoromethane	7.716	113	57643	46.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.420%		
50) Toluene-d8	10.179	98	203364	46.769	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.540%		
62) 4-Bromofluorobenzene	12.483	95	80883	45.992	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29416	21.492	ug/l	99
3) Chloromethane	2.113	50	25805	20.423	ug/l	100
4) Vinyl Chloride	2.253	62	30969	20.999	ug/l	99
5) Bromomethane	2.637	94	25527	22.387	ug/l	95
6) Chloroethane	2.790	64	21075	21.911	ug/l	99
7) Trichlorofluoromethane	3.125	101	62586	21.743	ug/l	96
8) Diethyl Ether	3.527	74	18460	21.553	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	30342	21.659	ug/l	93
10) Methyl Iodide	4.094	142	39026	18.331	ug/l	94
11) Tert butyl alcohol	4.948	59	21569	134.308	ug/l	97
12) 1,1-Dichloroethene	3.869	96	30262	21.038	ug/l	97
13) Acrolein	3.735	56	6920	100.214	ug/l	100
14) Allyl chloride	4.479	41	36505	20.524	ug/l #	84
15) Acrylonitrile	5.161	53	44430	118.759	ug/l	100
16) Acetone	3.948	43	45370	104.032	ug/l	96
17) Carbon Disulfide	4.198	76	87171	19.592	ug/l	98
18) Methyl Acetate	4.472	43	22469	23.024	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	89418	22.300	ug/l	93
20) Methylene Chloride	4.710	84	40308	16.798	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	34617	21.566	ug/l	92
22) Diisopropyl ether	6.118	45	75789	21.374	ug/l #	87
23) Vinyl Acetate	6.064	43	239648	108.459	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	52770	21.456	ug/l	95
25) 2-Butanone	6.984	43	52538	109.121	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	56544	21.178	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	37605	21.328	ug/l	94
28) Bromochloromethane	7.332	49	10746	20.006	ug/l #	72
29) Tetrahydrofuran	7.344	42	30768	116.340	ug/l #	78
30) Chloroform	7.508	83	62602	21.562	ug/l	100
31) Cyclohexane	7.789	56	46242	20.250	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	62440	21.724	ug/l	98
36) 1,1-Dichloropropene	7.917	75	44885	21.170	ug/l	97
37) Ethyl Acetate	7.070	43	22192	23.743	ug/l #	96
38) Carbon Tetrachloride	7.899	117	60665	22.155	ug/l	99
39) Methylcyclohexane	9.179	83	55941	21.591	ug/l	93
40) Benzene	8.161	78	131475	21.485	ug/l	98

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41) Methacrylonitrile	7.307	41	11101m	20.206	ug/l	
42) 1,2-Dichloroethane	8.234	62	43084	22.115	ug/l	100
43) Isopropyl Acetate	8.271	43	38798	22.312	ug/l #	93
44) Trichloroethene	8.941	130	39984	21.861	ug/l	98
45) 1,2-Dichloropropane	9.216	63	28146	22.043	ug/l	100
46) Dibromomethane	9.307	93	19180	22.438	ug/l	95
47) Bromodichloromethane	9.496	83	47687	22.162	ug/l	98
48) Methyl methacrylate	9.295	41	18013	22.482	ug/l	86
49) 1,4-Dioxane	9.301	88	5908	507.216	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	107518	115.954	ug/l	93
52) Toluene	10.246	92	88993	21.842	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	50411	22.397	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	52371	21.606	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	27152	22.357	ug/l	96
56) Ethyl methacrylate	10.508	69	35694	22.402	ug/l	94
57) 1,3-Dichloropropane	10.788	76	44841	22.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	59139	112.173	ug/l #	88
59) 2-Hexanone	10.831	43	80605	114.178	ug/l	93
60) Dibromochloromethane	10.983	129	36944	22.935	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26798	22.867	ug/l	99
64) Tetrachloroethene	10.721	164	45485	22.802	ug/l	98
65) Chlorobenzene	11.514	112	97519	21.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	37546	22.239	ug/l	97
67) Ethyl Benzene	11.593	91	171258	21.424	ug/l	99
68) m/p-Xylenes	11.703	106	139346	44.088	ug/l	97
69) o-Xylene	12.032	106	64849	21.481	ug/l	98
70) Styrene	12.044	104	111678	22.140	ug/l	99
71) Bromoform	12.209	173	24987	23.165	ug/l #	100
73) Isopropylbenzene	12.331	105	177124	21.187	ug/l	99
74) N-amyl acetate	12.142	43	33688	20.556	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	28845	21.905	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25791m	24.192	ug/l	
77) Bromobenzene	12.605	156	43062	21.406	ug/l	91
78) n-propylbenzene	12.672	91	206398	21.098	ug/l	99
79) 2-Chlorotoluene	12.758	91	117625	21.265	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	155960	21.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11478	22.184	ug/l	96
82) 4-Chlorotoluene	12.855	91	124241	21.384	ug/l	98
83) tert-Butylbenzene	13.075	119	132788	20.964	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	153840	21.464	ug/l	100
85) sec-Butylbenzene	13.251	105	191883	21.277	ug/l	97
86) p-Isopropyltoluene	13.367	119	169005	21.449	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	86813	21.698	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	86733	21.737	ug/l	99
89) n-Butylbenzene	13.696	91	144797	21.205	ug/l	98
90) Hexachloroethane	13.959	117	30352	21.338	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	79128	22.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6262	23.011	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	47007	20.550	ug/l	99
94) Hexachlorobutadiene	15.111	225	29386	21.337	ug/l	99
95) Naphthalene	15.233	128	95724	21.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41771	21.220	ug/l	98

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

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