

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013980.D
 Acq On : 02 Jun 2023 11:11
 Operator : KP/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/05/2023
 Supervised By :Mahesh Dadoda 06/05/2023

Quant Time: Jun 03 04:57:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	250034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	390963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165019	49.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.720%		
35) Dibromofluoromethane	7.716	113	130181	52.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.780%		
50) Toluene-d8	10.173	98	498413	52.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.180%		
62) 4-Bromofluorobenzene	12.477	95	170981	52.919	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47758	21.708	ug/l	98
3) Chloromethane	2.107	50	60186	19.753	ug/l	100
4) Vinyl Chloride	2.247	62	58443	20.704	ug/l	98
5) Bromomethane	2.650	94	52555	21.382	ug/l	98
6) Chloroethane	2.790	64	41621	20.603	ug/l	97
7) Trichlorofluoromethane	3.119	101	96889	21.713	ug/l	98
8) Diethyl Ether	3.521	74	33740	19.287	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	50374	21.975	ug/l	100
10) Methyl Iodide	4.082	142	52633	16.660	ug/l	97
11) Tert butyl alcohol	4.918	59	66737	98.107	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	50002	20.804	ug/l	94
13) Acrolein	3.729	56	32000	102.725	ug/l	99
14) Allyl chloride	4.472	41	90334	19.367	ug/l	99
15) Acrylonitrile	5.161	53	88759	91.431	ug/l	98
16) Acetone	3.948	43	94073	83.073	ug/l	100
17) Carbon Disulfide	4.186	76	164961	20.297	ug/l	99
18) Methyl Acetate	4.479	43	76573	18.716	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	147847	19.013	ug/l	98
20) Methylene Chloride	4.710	84	62121	17.701	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	54189	19.905	ug/l	94
22) Diisopropyl ether	6.119	45	176912	19.567	ug/l	97
23) Vinyl Acetate	6.058	43	529402	93.354	ug/l	97
24) 1,1-Dichloroethane	6.009	63	99467	19.710	ug/l	99
25) 2-Butanone	6.984	43	123718	87.697	ug/l	100
26) 2,2-Dichloropropane	6.978	77	91162	19.905	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	61452	19.716	ug/l	99
28) Bromochloromethane	7.326	49	48505	20.352	ug/l	99
29) Tetrahydrofuran	7.344	42	81875	93.328	ug/l	97
30) Chloroform	7.496	83	106367	20.074	ug/l	98
31) Cyclohexane	7.783	56	82233	20.633	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	93274	20.753	ug/l	98
36) 1,1-Dichloropropene	7.911	75	74910	21.162	ug/l	99
37) Ethyl Acetate	7.070	43	57732	18.706	ug/l	99
38) Carbon Tetrachloride	7.899	117	86541	21.817	ug/l	98
39) Methylcyclohexane	9.179	83	81878	21.667	ug/l	97
40) Benzene	8.155	78	224514	20.561	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28114m	19.710	ug/l	
42) 1,2-Dichloroethane	8.234	62	80009	19.982	ug/l	100
43) Isopropyl Acetate	8.271	43	97045	18.675	ug/l	99
44) Trichloroethene	8.935	130	59146	20.684	ug/l	98
45) 1,2-Dichloropropane	9.209	63	56915	20.197	ug/l	98
46) Dibromomethane	9.301	93	34769	19.273	ug/l	97
47) Bromodichloromethane	9.490	83	81426	20.036	ug/l	94
48) Methyl methacrylate	9.289	41	44885	18.977	ug/l	97
49) 1,4-Dioxane	9.319	88	10323	393.476	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	278047	94.730	ug/l	99
52) Toluene	10.240	92	139779	20.895	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	85526	19.592	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	93676	20.099	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	48041	20.199	ug/l	92
56) Ethyl methacrylate	10.508	69	65378	19.145	ug/l	99
57) 1,3-Dichloropropane	10.788	76	80748	19.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	104522	79.565	ug/l	99
59) 2-Hexanone	10.831	43	200416	94.297	ug/l	98
60) Dibromochloromethane	10.983	129	60107	19.996	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47155	19.733	ug/l	99
64) Tetrachloroethene	10.715	164	52892	21.576	ug/l	98
65) Chlorobenzene	11.514	112	151719	20.667	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	58476	20.461	ug/l	100
67) Ethyl Benzene	11.587	91	261207	20.556	ug/l	98
68) m/p-Xylenes	11.697	106	203545	41.935	ug/l	99
69) o-Xylene	12.026	106	95978	20.636	ug/l	99
70) Styrene	12.038	104	165194	20.679	ug/l	100
71) Bromoform	12.203	173	43187	20.498	ug/l #	97
73) Isopropylbenzene	12.325	105	251394	20.604	ug/l	99
74) N-amyl acetate	12.142	43	87880	18.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	62237	19.517	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	43611m	17.531	ug/l	
77) Bromobenzene	12.605	156	65415	19.832	ug/l	99
78) n-propylbenzene	12.666	91	310451	20.761	ug/l	99
79) 2-Chlorotoluene	12.751	91	177458	20.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	215633	20.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	22289	19.009	ug/l	99
82) 4-Chlorotoluene	12.849	91	188079	20.201	ug/l	99
83) tert-Butylbenzene	13.068	119	177408	20.259	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	215317	20.614	ug/l	99
85) sec-Butylbenzene	13.251	105	265779	20.871	ug/l	100
86) p-Isopropyltoluene	13.367	119	226184	21.042	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	127519	20.358	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	128921	20.346	ug/l	100
89) n-Butylbenzene	13.690	91	210096	20.715	ug/l	99
90) Hexachloroethane	13.959	117	45795	20.299	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	114957	19.921	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11702	19.026	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	71529	20.164	ug/l	99
94) Hexachlorobutadiene	15.111	225	41731	22.086	ug/l	99
95) Naphthalene	15.233	128	149597	19.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	64729	20.034	ug/l	99

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

