

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014277.D
 Acq On : 20 Jun 2023 12:47
 Operator : KP/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 02:07:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	213096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132833	44.764	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.520%		
35) Dibromofluoromethane	7.715	113	114109	50.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.780%		
50) Toluene-d8	10.178	98	386666	45.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.360%		
62) 4-Bromofluorobenzene	12.477	95	154101	51.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	48811	20.553	ug/l	96
3) Chloromethane	2.113	50	49639	16.484	ug/l	100
4) Vinyl Chloride	2.247	62	51265	17.510	ug/l	96
5) Bromomethane	2.631	94	38216	15.820	ug/l	95
6) Chloroethane	2.783	64	32179	16.175	ug/l	92
7) Trichlorofluoromethane	3.119	101	93491	19.656	ug/l	98
8) Diethyl Ether	3.521	74	29360	18.486	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	50616	21.086	ug/l	100
10) Methyl Iodide	4.082	142	49422	15.592	ug/l	97
11) Tert butyl alcohol	4.948	59	47508	128.321	ug/l #	88
12) 1,1-Dichloroethene	3.862	96	45785	18.818	ug/l	96
13) Acrolein	3.722	56	19264	122.709	ug/l	99
14) Allyl chloride	4.472	41	77915	17.666	ug/l	97
15) Acrylonitrile	5.161	53	84237	102.830	ug/l	100
16) Acetone	3.942	43	79956	89.390	ug/l	99
17) Carbon Disulfide	4.186	76	127103	16.121	ug/l	99
18) Methyl Acetate	4.472	43	76561	22.052	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	137675	19.186	ug/l	97
20) Methylene Chloride	4.704	84	59535	18.597	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	49192	18.127	ug/l	89
22) Diisopropyl ether	6.112	45	164191	19.444	ug/l	95
23) Vinyl Acetate	6.057	43	449730	90.266	ug/l	98
24) 1,1-Dichloroethane	6.008	63	93216	19.146	ug/l	97
25) 2-Butanone	6.984	43	116016	105.369	ug/l	99
26) 2,2-Dichloropropane	6.978	77	89602	19.594	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	57316	18.880	ug/l	99
28) Bromochloromethane	7.331	49	38052	19.219	ug/l	93
29) Tetrahydrofuran	7.343	42	74954	107.355	ug/l	100
30) Chloroform	7.502	83	101423	19.636	ug/l	95
31) Cyclohexane	7.782	56	76777	19.314	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	92371	19.828	ug/l	99
36) 1,1-Dichloropropene	7.910	75	70698	20.027	ug/l	99
37) Ethyl Acetate	7.069	43	49483	20.315	ug/l	98
38) Carbon Tetrachloride	7.898	117	85813	21.065	ug/l	97
39) Methylcyclohexane	9.179	83	80105	20.452	ug/l	99
40) Benzene	8.154	78	210464	20.050	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27632m	22.229	ug/l	
42) 1,2-Dichloroethane	8.234	62	74004	19.936	ug/l	99
43) Isopropyl Acetate	8.270	43	86298	20.215	ug/l	98
44) Trichloroethene	8.941	130	57634	20.550	ug/l	99
45) 1,2-Dichloropropane	9.209	63	53516	20.071	ug/l	97
46) Dibromomethane	9.300	93	32691	19.918	ug/l	98
47) Bromodichloromethane	9.496	83	79127	20.591	ug/l	98
48) Methyl methacrylate	9.288	41	39938	20.058	ug/l	97
49) 1,4-Dioxane	9.294	88	8445	404.947	ug/l #	45
51) 4-Methyl-2-Pentanone	10.069	43	253850	109.449	ug/l	99
52) Toluene	10.239	92	133215	20.472	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	79953	19.764	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	86106	19.508	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	45053	20.696	ug/l	96
56) Ethyl methacrylate	10.508	69	61457	20.468	ug/l	96
57) 1,3-Dichloropropane	10.788	76	73946	19.861	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	84304	84.260	ug/l	98
59) 2-Hexanone	10.831	43	180545	107.778	ug/l	99
60) Dibromochloromethane	10.983	129	59252	21.266	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43899	20.433	ug/l	100
64) Tetrachloroethene	10.715	164	61574	23.511	ug/l	96
65) Chlorobenzene	11.513	112	144441	19.565	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	57277	19.725	ug/l	100
67) Ethyl Benzene	11.593	91	256723	19.866	ug/l	99
68) m/p-Xylenes	11.702	106	197611	39.756	ug/l	99
69) o-Xylene	12.026	106	92188	19.617	ug/l	97
70) Styrene	12.044	104	162450	20.254	ug/l	99
71) Bromoform	12.202	173	40916	20.574	ug/l #	99
73) Isopropylbenzene	12.324	105	252470	19.061	ug/l	100
74) N-amyl acetate	12.141	43	77303	18.417	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	56724	19.165	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	42418m	18.621	ug/l	
77) Bromobenzene	12.605	156	65208	18.731	ug/l	97
78) n-propylbenzene	12.672	91	315350	19.492	ug/l	100
79) 2-Chlorotoluene	12.751	91	177219	19.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	221306	19.513	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	19920	18.902	ug/l	98
82) 4-Chlorotoluene	12.855	91	190063	19.267	ug/l	100
83) tert-Butylbenzene	13.074	119	189710	19.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	221477	19.728	ug/l	98
85) sec-Butylbenzene	13.251	105	281040	20.057	ug/l	100
86) p-Isopropyltoluene	13.367	119	237667	19.818	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	129416	19.470	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	128562	19.197	ug/l	100
89) n-Butylbenzene	13.696	91	222123	19.970	ug/l	100
90) Hexachloroethane	13.958	117	48559	20.321	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	117327	19.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	11335	20.111	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	72647	19.210	ug/l	98
94) Hexachlorobutadiene	15.110	225	45969	21.054	ug/l	97
95) Naphthalene	15.232	128	144345	18.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	65425	19.145	ug/l	100

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

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