

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014102.D
 Acq On : 09 Jun 2023 18:11
 Operator : KP/MD
 Sample : VY0609SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

Quant Time: Jun 10 05:13:27 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	211113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132249	44.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.980%		
35) Dibromofluoromethane	7.716	113	108695	48.302	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.600%		
50) Toluene-d8	10.179	98	392140	46.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.220%		
62) 4-Bromofluorobenzene	12.483	95	144140	48.231	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52565	22.341	ug/l	98
3) Chloromethane	2.113	50	59395	19.909	ug/l	97
4) Vinyl Chloride	2.253	62	59629	20.558	ug/l	100
5) Bromomethane	2.656	94	49908	20.855	ug/l	98
6) Chloroethane	2.796	64	40192	20.393	ug/l	97
7) Trichlorofluoromethane	3.125	101	100912	21.416	ug/l	98
8) Diethyl Ether	3.534	74	30695	19.509	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	50369	21.180	ug/l	99
10) Methyl Iodide	4.088	142	56036	17.845	ug/l	97
11) Tert butyl alcohol	4.936	59	47934	131.099	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	49072	20.358	ug/l	99
13) Acrolein	3.735	56	20865	139.174	ug/l	98
14) Allyl chloride	4.485	41	84459	19.330	ug/l	98
15) Acrylonitrile	5.167	53	77588	95.603	ug/l	100
16) Acetone	3.954	43	75720	85.449	ug/l	97
17) Carbon Disulfide	4.192	76	158633	20.309	ug/l	99
18) Methyl Acetate	4.485	43	64075	18.629	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	134762	18.956	ug/l	100
20) Methylene Chloride	4.710	84	57682	18.102	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	52039	19.356	ug/l	98
22) Diisopropyl ether	6.118	45	157004	18.768	ug/l	93
23) Vinyl Acetate	6.057	43	470701	95.362	ug/l	98
24) 1,1-Dichloroethane	6.015	63	93750	19.437	ug/l	98
25) 2-Butanone	6.990	43	99358	91.087	ug/l	96
26) 2,2-Dichloropropane	6.984	77	87984	19.421	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	57446	19.101	ug/l	99
28) Bromochloromethane	7.338	49	40138	20.463	ug/l	95
29) Tetrahydrofuran	7.350	42	67585	97.710	ug/l	99
30) Chloroform	7.508	83	102364	20.004	ug/l	99
31) Cyclohexane	7.783	56	79593	20.211	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	92187	19.975	ug/l	99
36) 1,1-Dichloropropene	7.917	75	71816	20.471	ug/l	99
37) Ethyl Acetate	7.082	43	50399	20.821	ug/l	99
38) Carbon Tetrachloride	7.905	117	86310	21.319	ug/l	99
39) Methylcyclohexane	9.185	83	83769	21.521	ug/l	100
40) Benzene	8.161	78	212693	20.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20953	16.961	ug/l	95
42) 1,2-Dichloroethane	8.234	62	75137	20.367	ug/l	100
43) Isopropyl Acetate	8.270	43	83864	19.767	ug/l	99
44) Trichloroethene	8.941	130	58043	20.825	ug/l	99
45) 1,2-Dichloropropane	9.215	63	52808	19.929	ug/l	96
46) Dibromomethane	9.307	93	32938	20.194	ug/l	99
47) Bromodichloromethane	9.496	83	76386	20.001	ug/l	99
48) Methyl methacrylate	9.295	41	39946	20.187	ug/l	99
49) 1,4-Dioxane	9.313	88	8050	388.413	ug/l #	37
51) 4-Methyl-2-Pentanone	10.069	43	237309	102.956	ug/l	100
52) Toluene	10.246	92	133103	20.582	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	79967	19.890	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	86778	19.783	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	43477	20.096	ug/l	97
56) Ethyl methacrylate	10.508	69	58830	19.715	ug/l	98
57) 1,3-Dichloropropane	10.788	76	73360	19.827	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	80518	82.092	ug/l	98
59) 2-Hexanone	10.831	43	166271	99.876	ug/l	98
60) Dibromochloromethane	10.983	129	55780	20.145	ug/l	98
61) 1,2-Dibromoethane	11.087	107	42941	20.112	ug/l	99
64) Tetrachloroethene	10.721	164	52828	20.989	ug/l	93
65) Chlorobenzene	11.514	112	140703	19.830	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	56057	20.087	ug/l	99
67) Ethyl Benzene	11.593	91	250742	20.189	ug/l	99
68) m/p-Xylenes	11.703	106	195671	40.960	ug/l	99
69) o-Xylene	12.032	106	91026	20.154	ug/l	99
70) Styrene	12.044	104	157201	20.394	ug/l	99
71) Bromoform	12.209	173	38670	20.233	ug/l #	100
73) Isopropylbenzene	12.331	105	243351	20.194	ug/l	100
74) N-amyl acetate	12.142	43	75896	19.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	53256	19.778	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33595m	16.210	ug/l	
77) Bromobenzene	12.611	156	62726	19.805	ug/l	95
78) n-propylbenzene	12.672	91	299964	20.380	ug/l	100
79) 2-Chlorotoluene	12.757	91	169368	19.999	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	208923	20.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19748	20.598	ug/l	99
82) 4-Chlorotoluene	12.855	91	180917	20.159	ug/l	100
83) tert-Butylbenzene	13.075	119	173022	19.733	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	206395	20.208	ug/l	100
85) sec-Butylbenzene	13.251	105	260273	20.417	ug/l	100
86) p-Isopropyltoluene	13.367	119	219383	20.108	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120431	19.915	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	119754	19.655	ug/l	98
89) n-Butylbenzene	13.696	91	202062	19.968	ug/l	99
90) Hexachloroethane	13.965	117	43099	19.825	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	109062	20.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9974	19.452	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	66615	19.362	ug/l	99
94) Hexachlorobutadiene	15.111	225	41445	20.865	ug/l	96
95) Naphthalene	15.239	128	131622	18.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60197	19.362	ug/l	99

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

