

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014051.D
 Acq On : 07 Jun 2023 11:47
 Operator : KP/MD
 Sample : VY0607SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 02:32:08 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	7.789	168	207339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149709	54.545	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.100%			
35) Dibromofluoromethane	7.716	113	121431	55.348	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.700%			
50) Toluene-d8	10.179	98	430041	51.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.780%			
62) 4-Bromofluorobenzene	12.483	95	155865	54.631	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33122	18.156	ug/l	99
3) Chloromethane	2.113	50	44326	17.543	ug/l	99
4) Vinyl Chloride	2.253	62	40298	17.216	ug/l	99
5) Bromomethane	2.650	94	39294	19.279	ug/l	98
6) Chloroethane	2.790	64	30538	18.230	ug/l	97
7) Trichlorofluoromethane	3.125	101	70401	19.026	ug/l	99
8) Diethyl Ether	3.527	74	30299	20.886	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	36442	19.171	ug/l	100
10) Methyl Iodide	4.088	142	42327	16.157	ug/l	98
11) Tert butyl alcohol	4.978	59	30609	54.263	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	35855	17.990	ug/l	89
13) Acrolein	3.729	56	28901	111.881	ug/l	97
14) Allyl chloride	4.479	41	71928	18.596	ug/l	99
15) Acrylonitrile	5.167	53	84040	104.397	ug/l	99
16) Acetone	3.954	43	85564	91.118	ug/l	97
17) Carbon Disulfide	4.198	76	91299	13.547	ug/l	99
18) Methyl Acetate	4.479	43	66434	19.582	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	135398	20.998	ug/l	98
20) Methylene Chloride	4.716	84	60269	21.447	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	43653	19.337	ug/l	97
22) Diisopropyl ether	6.118	45	166711	22.236	ug/l	100
23) Vinyl Acetate	6.064	43	484047	102.933	ug/l	100
24) 1,1-Dichloroethane	6.015	63	89283	21.335	ug/l	98
25) 2-Butanone	6.990	43	110073	94.091	ug/l	96
26) 2,2-Dichloropropane	6.978	77	76820	20.227	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	54210	20.974	ug/l	98
28) Bromochloromethane	7.338	49	45650	23.098	ug/l	99
29) Tetrahydrofuran	7.350	42	71270	97.968	ug/l	99
30) Chloroform	7.508	83	99360	22.613	ug/l	99
31) Cyclohexane	7.789	56	54770	16.572	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	76998	20.659	ug/l	98
36) 1,1-Dichloropropene	7.917	75	56561	18.095	ug/l	99
37) Ethyl Acetate	7.070	43	52714	19.343	ug/l	100
38) Carbon Tetrachloride	7.899	117	68667	19.605	ug/l	96
39) Methylcyclohexane	9.185	83	54965	16.472	ug/l	98
40) Benzene	8.161	78	195788	20.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19238m	15.274	ug/l	
42) 1,2-Dichloroethane	8.240	62	74306	21.016	ug/l	100
43) Isopropyl Acetate	8.271	43	89073	19.412	ug/l	99
44) Trichloroethene	8.941	130	49876	19.753	ug/l	93
45) 1,2-Dichloropropane	9.215	63	52065	20.924	ug/l	96
46) Dibromomethane	9.307	93	32548	20.432	ug/l	99
47) Bromodichloromethane	9.496	83	77915	21.712	ug/l	98
48) Methyl methacrylate	9.295	41	41690	19.961	ug/l	96
49) 1,4-Dioxane	9.313	88	7163	309.200	ug/l #	7
51) 4-Methyl-2-Pentanone	10.069	43	257511	99.356	ug/l	99
52) Toluene	10.240	92	121666	20.597	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	81631	21.177	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	87319	21.217	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	47383	22.562	ug/l	93
56) Ethyl methacrylate	10.508	69	60448	20.047	ug/l	99
57) 1,3-Dichloropropane	10.788	76	76964	21.447	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	89197	77.670	ug/l	99
59) 2-Hexanone	10.831	43	182482	97.234	ug/l	99
60) Dibromochloromethane	10.983	129	58844	22.169	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44365	21.025	ug/l	100
64) Tetrachloroethene	10.721	164	44281	19.576	ug/l	97
65) Chlorobenzene	11.514	112	138309	20.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57331	21.741	ug/l	99
67) Ethyl Benzene	11.593	91	231368	19.733	ug/l	99
68) m/p-Xylenes	11.703	106	181277	40.475	ug/l	98
69) o-Xylene	12.026	106	85431	19.907	ug/l	97
70) Styrene	12.044	104	155982	21.161	ug/l	99
71) Bromoform	12.209	173	40068	20.610	ug/l #	100
73) Isopropylbenzene	12.331	105	221206	19.583	ug/l	99
74) N-amyl acetate	12.142	43	81974	18.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	58271	19.738	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	44199m	19.192	ug/l	
77) Bromobenzene	12.605	156	62056	20.323	ug/l	99
78) n-propylbenzene	12.672	91	276941	20.005	ug/l	99
79) 2-Chlorotoluene	12.758	91	164758	20.103	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	194744	20.116	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20338	18.736	ug/l	98
82) 4-Chlorotoluene	12.855	91	177206	20.559	ug/l	99
83) tert-Butylbenzene	13.075	119	157325	19.406	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	197595	20.435	ug/l	100
85) sec-Butylbenzene	13.251	105	232886	19.755	ug/l	99
86) p-Isopropyltoluene	13.367	119	200034	20.102	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	121484	20.949	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	122538	20.890	ug/l	99
89) n-Butylbenzene	13.696	91	186908	19.906	ug/l	99
90) Hexachloroethane	13.959	117	43417	20.788	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	111231	20.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10767	18.909	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	65907	20.069	ug/l	98
94) Hexachlorobutadiene	15.111	225	37250	21.295	ug/l	97
95) Naphthalene	15.233	128	131871	19.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59845	20.007	ug/l	99

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

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