

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014534.D
 Acq On : 03 Jul 2023 14:44
 Operator : KP/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/07/2023
 Supervised By :Semsettin Yesilyurt 07/07/2023

Quant Time: Jul 04 03:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	420338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	597974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	551331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	298157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176245	42.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.300%		
35) Dibromofluoromethane	7.709	113	172759	46.915	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.840%		
50) Toluene-d8	10.172	98	680169	46.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.460%		
62) 4-Bromofluorobenzene	12.477	95	237541	46.994	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	69915	20.487	ug/l	97
3) Chloromethane	2.107	50	86436	17.756	ug/l	96
4) Vinyl Chloride	2.241	62	107018	19.072	ug/l	99
5) Bromomethane	2.619	94	86260	19.825	ug/l	99
6) Chloroethane	2.777	64	66890	18.514	ug/l	99
7) Trichlorofluoromethane	3.113	101	136457	20.023	ug/l	96
8) Diethyl Ether	3.521	74	44681	17.315	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	79054	19.425	ug/l	95
10) Methyl Iodide	4.076	142	78973	17.005	ug/l	91
11) Tert butyl alcohol	4.942	59	114721	150.672	ug/l #	95
12) 1,1-Dichloroethene	3.856	96	74678	18.942	ug/l	87
13) Acrolein	3.722	56	50725	91.147	ug/l	99
14) Allyl chloride	4.466	41	98912	16.645	ug/l #	85
15) Acrylonitrile	5.155	53	121398	81.952	ug/l	98
16) Acetone	3.942	43	100288	76.800	ug/l #	86
17) Carbon Disulfide	4.180	76	228144	18.989	ug/l	100
18) Methyl Acetate	4.472	43	94672	15.926	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	197492	17.429	ug/l	99
20) Methylene Chloride	4.704	84	110902	20.463	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	81189	18.193	ug/l	90
22) Diisopropyl ether	6.106	45	207218	16.923	ug/l #	92
23) Vinyl Acetate	6.051	43	585327	82.624	ug/l #	90
24) 1,1-Dichloroethane	6.002	63	134350	17.478	ug/l	98
25) 2-Butanone	6.978	43	154362	79.835	ug/l	92
26) 2,2-Dichloropropane	6.972	77	118811	18.134	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	89814	17.742	ug/l	92
28) Bromochloromethane	7.325	49	58986	18.275	ug/l #	76
29) Tetrahydrofuran	7.344	42	101715	81.557	ug/l #	84
30) Chloroform	7.502	83	143130	17.850	ug/l	94
31) Cyclohexane	7.776	56	118231	18.023	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	124814	18.210	ug/l	97
36) 1,1-Dichloropropene	7.911	75	108106	19.171	ug/l	97
37) Ethyl Acetate	7.069	43	66510	17.198	ug/l #	90
38) Carbon Tetrachloride	7.892	117	114441	19.440	ug/l	98
39) Methylcyclohexane	9.179	83	134768	19.994	ug/l	93
40) Benzene	8.154	78	320138	18.754	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	31177m	16.502	ug/l	
42) 1,2-Dichloroethane	8.234	62	91183	18.174	ug/l	92
43) Isopropyl Acetate	8.270	43	110074	16.795	ug/l #	88
44) Trichloroethene	8.935	130	93326	19.611	ug/l	95
45) 1,2-Dichloropropane	9.209	63	77750	17.755	ug/l	93
46) Dibromomethane	9.301	93	49834	18.693	ug/l	92
47) Bromodichloromethane	9.496	83	107489	18.299	ug/l	98
48) Methyl methacrylate	9.288	41	51905	17.416	ug/l #	78
49) 1,4-Dioxane	9.294	88	17031	357.758	ug/l #	64
51) 4-Methyl-2-Pentanone	10.063	43	333613	85.982	ug/l	88
52) Toluene	10.239	92	205489	19.130	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	115798	18.435	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	129019	18.409	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	72064	18.577	ug/l	97
56) Ethyl methacrylate	10.508	69	94914	17.987	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	114417	18.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	236306	92.438	ug/l	93
59) 2-Hexanone	10.831	43	239314	85.384	ug/l	86
60) Dibromochloromethane	10.983	129	86409	19.010	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71243	18.812	ug/l	99
64) Tetrachloroethene	10.715	164	102770	20.852	ug/l	91
65) Chlorobenzene	11.514	112	224252	19.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	85457	19.137	ug/l	98
67) Ethyl Benzene	11.587	91	380725	19.002	ug/l	100
68) m/p-Xylenes	11.696	106	305389	38.425	ug/l	93
69) o-Xylene	12.026	106	143584	19.048	ug/l	93
70) Styrene	12.038	104	247536	19.086	ug/l	95
71) Bromoform	12.202	173	65539	19.318	ug/l #	98
73) Isopropylbenzene	12.324	105	379051	19.412	ug/l	99
74) N-amyl acetate	12.141	43	101061	17.148	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.580	83	89136	17.788	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	61009m	17.437	ug/l	
77) Bromobenzene	12.605	156	103459	19.398	ug/l	92
78) n-propylbenzene	12.666	91	462214	19.405	ug/l	97
79) 2-Chlorotoluene	12.751	91	262519	19.150	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	325180	19.671	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	30820	17.146	ug/l	87
82) 4-Chlorotoluene	12.849	91	274327	19.102	ug/l	97
83) tert-Butylbenzene	13.068	119	285184	19.629	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	319369	19.360	ug/l	96
85) sec-Butylbenzene	13.251	105	427400	19.936	ug/l	99
86) p-Isopropyltoluene	13.367	119	362921	20.116	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	200780	19.254	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	199257	19.066	ug/l	99
89) n-Butylbenzene	13.690	91	326932	19.608	ug/l	97
90) Hexachloroethane	13.958	117	68978	19.301	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	182585	19.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.348	75	16435	17.914	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	121126	19.854	ug/l	98
94) Hexachlorobutadiene	15.104	225	81176	21.649	ug/l	98
95) Naphthalene	15.232	128	239265	18.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	110854	19.942	ug/l	99

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

