

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071522\
 Data File : U049747.D
 Acq On : 15 Jul 2022 19:21
 Operator : SY/MD
 Sample : N3748-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E9MS

Quant Time: Jul 15 23:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191966	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53854	33.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.500%		
7) Chloroethane-d5	1.900	69	45783	39.105	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.200%		
11) 1,1-Dichloroethene-d2	2.565	63	109243	38.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.360%		
21) 2-Butanone-d5	4.620	46	160657	116.192	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.190%		
24) Chloroform-d	5.063	84	141630	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
26) 1,2-Dichloroethane-d4	5.700	65	96767	49.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.680%		
32) Benzene-d6	5.726	84	243369	43.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
36) 1,2-Dichloropropane-d6	6.690	67	90961	48.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.220%		
41) Toluene-d8	7.896	98	206458	42.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.220%		
43) trans-1,3-Dichloroprop...	8.179	79	36440	46.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.632	63	90954	108.047	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.050%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	140885	53.804	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	81018	48.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	94376	41.013	ug/L	99
3) Chloromethane	1.520	50	124998	49.495	ug/L	97
5) Vinyl chloride	1.600	62	101439	44.450	ug/L	99
6) Bromomethane	1.842	94	53184	50.440	ug/L	100
8) Chloroethane	1.922	64	57017	45.102	ug/L	99
9) Trichlorofluoromethane	2.131	101	124465	44.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	62996	42.598	ug/L	98
12) 1,1-Dichloroethene	2.575	96	60315	43.945	ug/L	96
13) Acetone	2.626	43	109858	83.603	ug/L	98
14) Carbon disulfide	2.787	76	178651	38.600	ug/L	98
15) Methyl Acetate	2.948	43	116061	54.366	ug/L	99
16) Methylene chloride	3.041	84	85915	49.709	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	69095	46.019	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	271798	52.851	ug/L	99
19) 1,1-Dichloroethane	3.867	63	159600	51.059	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	84855	50.287	ug/L	96
22) 2-Butanone	4.700	43	182484	103.725	ug/L	100
23) Bromochloromethane	4.970	128	44457	52.801	ug/L	95
25) Chloroform	5.086	83	162858	51.958	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	139221	52.163	ug/L	100
29) Cyclohexane	5.385	56	116359	40.705	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	128458	48.450	ug/L	98
31) Carbon tetrachloride	5.523	117	100762	46.466	ug/L	100
33) Benzene	5.771	78	338725	49.205	ug/L	100
34) Trichloroethene	6.539	95	74766	44.931	ug/L	99
35) Methylcyclohexane	6.761	83	106116	40.582	ug/L	99
37) 1,2-Dichloropropane	6.790	63	97428	51.062	ug/L	100
38) Bromodichloromethane	7.105	83	117679	49.744	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	129834	50.454	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	337991	109.421	ug/L	99
42) Toluene	7.967	91	333471	48.741	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121805	50.412	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	86228	51.775	ug/L	99
46) Tetrachloroethene	8.552	164	52044	45.095	ug/L	96
48) 2-Hexanone	8.684	43	270874	109.737	ug/L	100
49) Dibromochloromethane	8.809	129	85973	51.325	ug/L	98
50) 1,2-Dibromoethane	8.922	107	88916	53.746	ug/L	99
51) Chlorobenzene	9.446	112	209563	50.580	ug/L	100
52) Ethylbenzene	9.568	91	340668	47.186	ug/L	98
53) m,p-Xylene	9.693	106	128544	48.964	ug/L	95
54) o-Xylene	10.099	106	130290	49.289	ug/L	96
55) Styrene	10.115	104	220066	50.446	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	158236	53.077	ug/L	99
59) Bromoform	10.291	173	61663	52.034	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	127448	54.155	ug/L	100
61) Isopropylbenzene	10.484	105	322603	48.899	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	278266	50.004	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	276574	50.028	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	139945	48.593	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	138240	47.785	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	148747	49.670	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	36689	53.205	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	94513	46.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	80429	43.430	ug/L	97
71) Naphthalene	14.086	128	320434	48.401	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	90763	47.314	ug/L	98

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

