

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049748.D
 Acq On : 15 Jul 2022 19:44
 Operator : SY/MD
 Sample : N3748-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH0E9MSD

Quant Time: Jul 15 23:09:45 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	196743	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	54402	32.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.540%		
7) Chloroethane-d5	1.903	69	45357	37.800	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.600%		
11) 1,1-Dichloroethene-d2	2.565	63	110380	37.644	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.280%		
21) 2-Butanone-d5	4.623	46	164233	115.894	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.890%		
24) Chloroform-d	5.060	84	143323	48.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
26) 1,2-Dichloroethane-d4	5.700	65	98661	49.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.160%		
32) Benzene-d6	5.726	84	246677	44.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.100%		
36) 1,2-Dichloropropane-d6	6.690	67	93194	49.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.940%		
41) Toluene-d8	7.896	98	210096	43.078	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.160%		
43) trans-1,3-Dichloroprop...	8.179	79	38891	49.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.000%		
47) 2-Hexanone-d5	8.632	63	91243	107.679	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.680%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	141024	53.504	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	80362	47.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	99255	42.086	ug/L	98
3) Chloromethane	1.520	50	123721	47.800	ug/L	99
5) Vinyl chloride	1.601	62	104430	44.650	ug/L	99
6) Bromomethane	1.842	94	49347	45.665	ug/L	98
8) Chloroethane	1.922	64	58630	45.252	ug/L	99
9) Trichlorofluoromethane	2.131	101	126942	43.949	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	63892	42.155	ug/L	99
12) 1,1-Dichloroethene	2.575	96	62812	44.654	ug/L	99
13) Acetone	2.626	43	110839	82.302	ug/L	96
14) Carbon disulfide	2.787	76	187473	39.522	ug/L	99
15) Methyl Acetate	2.948	43	117109	53.525	ug/L	100
16) Methylene chloride	3.041	84	87801	49.567	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	70381	45.738	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	279812	53.088	ug/L	99
19) 1,1-Dichloroethane	3.867	63	162986	50.876	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	88830	51.364	ug/L	97
22) 2-Butanone	4.700	43	184109	102.108	ug/L	100
23) Bromochloromethane	4.973	128	45075	52.235	ug/L	94
25) Chloroform	5.086	83	166611	51.865	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	141088	51.579	ug/L	100
29) Cyclohexane	5.388	56	123731	43.000	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	132868	49.785	ug/L	100
31) Carbon tetrachloride	5.523	117	105195	48.192	ug/L	100
33) Benzene	5.771	78	346263	49.970	ug/L	100
34) Trichloroethene	6.543	95	79618	47.533	ug/L	98
35) Methylcyclohexane	6.761	83	108437	41.198	ug/L	97
37) 1,2-Dichloropropane	6.790	63	100752	52.457	ug/L	100
38) Bromodichloromethane	7.105	83	122887	51.605	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	134619	51.970	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	346712	111.508	ug/L	99
42) Toluene	7.967	91	343941	49.941	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	126696	52.092	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	89282	53.257	ug/L	98
46) Tetrachloroethene	8.552	164	53027	45.645	ug/L	99
48) 2-Hexanone	8.684	43	278576	112.116	ug/L	100
49) Dibromochloromethane	8.809	129	88581	52.534	ug/L	98
50) 1,2-Dibromoethane	8.922	107	93131	55.924	ug/L	98
51) Chlorobenzene	9.446	112	214955	51.541	ug/L	99
52) Ethylbenzene	9.568	91	353775	48.680	ug/L	98
53) m,p-Xylene	9.694	106	132638	50.192	ug/L	95
54) o-Xylene	10.099	106	133992	50.357	ug/L	95
55) Styrene	10.115	104	227932	51.906	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	158720	52.890	ug/L	100
59) Bromoform	10.288	173	62550	52.310	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	129715	54.624	ug/L	99
61) Isopropylbenzene	10.485	105	335291	50.367	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	285938	50.922	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	284432	50.988	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	145252	49.983	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	142801	48.919	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	154515	51.134	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	38176	54.865	ug/L	99
69) 1,3,5-Trichlorobenzene	13.218	180	97918	48.086	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	87157	46.641	ug/L	98
71) Naphthalene	14.086	128	359482	53.813	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99632	51.471	ug/L	100

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

