

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071222\
 Data File : VU049689.D
 Acq On : 12 Jul 2022 12:55
 Operator : SY/MD
 Sample : N3670-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Jul 13 08:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 13 06:51:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	196782	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75627	45.549	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.100%		
7) Chloroethane-d5	1.906	69	60069	50.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.100%		
11) 1,1-Dichloroethene-d2	2.565	63	103556	35.310	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.620%		
21) 2-Butanone-d5	4.620	46	165886	117.037	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.040%		
24) Chloroform-d	5.064	84	151186	51.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.820%		
26) 1,2-Dichloroethane-d4	5.700	65	107810	54.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.340%		
32) Benzene-d6	5.726	84	290430	50.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.740%		
36) 1,2-Dichloropropane-d6	6.690	67	102197	52.694	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.380%		
41) Toluene-d8	7.899	98	248924	49.573	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.140%		
43) trans-1,3-Dichloroprop...	8.179	79	42259	51.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.440%		
47) 2-Hexanone-d5	8.633	63	95058	108.960	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.960%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142691	52.582	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	88071	53.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5139	2.179	ug/L	100
3) Chloromethane	1.520	50	7082	2.736	ug/L	96
5) Vinyl chloride	1.604	62	5832	2.493	ug/L	89
6) Bromomethane	1.845	94	2948	2.727	ug/L	89
8) Chloroethane	1.925	64	3330	2.570	ug/L	89
9) Trichlorofluoromethane	2.134	101	7113	2.462	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4366	2.880	ug/L	87
12) 1,1-Dichloroethene	2.578	96	3941	2.801	ug/L #	1
13) Acetone	2.630	43	7489	5.560	ug/L	98
14) Carbon disulfide	2.790	76	11164	2.353	ug/L	99
15) Methyl Acetate	2.951	43	6167	2.818	ug/L	94
16) Methylene chloride	3.048	84	5660	3.195	ug/L	94
17) trans-1,2-Dichloroethene	3.347	96	3740	2.430	ug/L	86
18) Methyl tert-butyl Ether	3.363	73	13309	2.525	ug/L	99
19) 1,1-Dichloroethane	3.871	63	8568	2.674	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	4881	2.822	ug/L	77
22) 2-Butanone	4.713	43	10100	5.600	ug/L	78
23) Bromochloromethane	4.977	128	2250	2.607	ug/L	91
25) Chloroform	5.089	83	9051	2.817	ug/L	100

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27) 1,2-Dichloroethane	5.797	62	7781	2.844	ug/L #	95
29) Cyclohexane	5.388	56	6247	2.109	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	6831	2.486	ug/L	97
31) Carbon tetrachloride	5.530	117	5467	2.433	ug/L	96
33) Benzene	5.774	78	17439	2.444	ug/L	100
34) Trichloroethene	6.543	95	4304	2.496	ug/L	97
35) Methylcyclohexane	6.761	83	6439	2.376	ug/L	97
37) 1,2-Dichloropropane	6.793	63	5113	2.586	ug/L #	89
38) Bromodichloromethane	7.105	83	6140	2.504	ug/L	92
39) cis-1,3-Dichloropropene	7.610	75	7249	2.718	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	16359	5.110	ug/L	99
42) Toluene	7.967	91	17547	2.475	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	6160	2.460	ug/L	89
45) 1,1,2-Trichloroethane	8.401	97	4451	2.579	ug/L	97
46) Tetrachloroethene	8.555	164	2770	2.316	ug/L	93
48) 2-Hexanone	8.684	43	19852	7.760	ug/L	95
49) Dibromochloromethane	8.809	129	4330	2.494	ug/L	92
50) 1,2-Dibromoethane	8.925	107	4250	2.479	ug/L #	99
51) Chlorobenzene	9.446	112	10770	2.508	ug/L	97
52) Ethylbenzene	9.571	91	17034	2.277	ug/L	97
53) m,p-Xylene	9.694	106	6126	2.252	ug/L	94
54) o-Xylene	10.099	106	6366	2.324	ug/L	92
55) Styrene	10.115	104	9592	2.122	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	8246	2.669	ug/L	95
59) Bromoform	10.292	173	2934	2.496	ug/L #	97
60) 1,2,3-Trichloropropane	10.825	75	6384	2.735	ug/L	97
61) Isopropylbenzene	10.485	105	15326	2.342	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	12412	2.249	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	11724	2.138	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	6982	2.444	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	7661	2.670	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	8015	2.698	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.999	75	1825	2.668	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	4999m	2.497	ug/L	
70) 1,2,4-trichlorobenzene	13.848	180	4363	2.375	ug/L	96
71) Naphthalene	14.089	128	14485	2.206	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	4260	2.239	ug/L	97

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

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