

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049700.D
 Acq On : 13 Jul 2022 11:58
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 14 05:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/14/2022
 Supervised By :Mahesh Dadoda 07/14/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	206424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66145	37.977	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.960%		
7) Chloroethane-d5	1.903	69	54354	43.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.340%		
11) 1,1-Dichloroethene-d2	2.562	63	93598	30.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.840%		
21) 2-Butanone-d5	4.623	46	160788	108.142	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.140%		
24) Chloroform-d	5.063	84	145508	47.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
26) 1,2-Dichloroethane-d4	5.700	65	104371	49.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
32) Benzene-d6	5.726	84	274385	45.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
36) 1,2-Dichloropropane-d6	6.690	67	97278	48.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.240%		
41) Toluene-d8	7.896	98	234005	44.705	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
43) trans-1,3-Dichloroprop...	8.179	79	39276	46.108	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.220%		
47) 2-Hexanone-d5	8.632	63	88453	97.260	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.260%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	138842	49.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	82380	48.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5178	2.093	ug/L	100
3) Chloromethane	1.523	50	7028	2.588	ug/L	96
5) Vinyl chloride	1.600	62	6060	2.469	ug/L	83
6) Bromomethane	1.845	94	2541	2.241	ug/L	96
8) Chloroethane	1.925	64	3471	2.553	ug/L	89
9) Trichlorofluoromethane	2.134	101	6699	2.210	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4567	2.872	ug/L #	80
12) 1,1-Dichloroethene	2.578	96	3823	2.590	ug/L #	1
13) Acetone	2.633	43	8757	6.197	ug/L	95
14) Carbon disulfide	2.790	76	10543	2.118	ug/L	97
15) Methyl Acetate	2.951	43	6655	2.899	ug/L #	91
16) Methylene chloride	3.041	84	5583	3.004	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	3997	2.476	ug/L	90
18) Methyl tert-butyl Ether	3.362	73	14048	2.540	ug/L	97
19) 1,1-Dichloroethane	3.867	63	8895	2.646	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	4646	2.560	ug/L	95
22) 2-Butanone	4.713	43	10669	5.640	ug/L	100
23) Bromochloromethane	4.970	128	2366	2.613	ug/L	76
27) 1,2-Dichloroethane	5.793	62	8054	2.806	ug/L #	95

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29) Cyclohexane	5.385	56	6315	2.045	ug/L #	93
30) 1,1,1-Trichloroethane	5.317	97	6586	2.299	ug/L	98
31) Carbon tetrachloride	5.523	117	5747	2.453	ug/L	93
33) Benzene	5.774	78	19632	2.640	ug/L	100
35) Methylcyclohexane	6.758	83	5803	2.054	ug/L	97
37) 1,2-Dichloropropane	6.790	63	5545	2.690	ug/L #	95
38) Bromodichloromethane	7.105	83	6091	2.383	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	7067	2.542	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	16935	5.075	ug/L #	91
42) Toluene	7.970	91	18259	2.470	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	6454m	2.472	ug/L	
45) 1,1,2-Trichloroethane	8.401	97	4724	2.626	ug/L	98
46) Tetrachloroethene	8.552	164	3070	2.462	ug/L	92
48) 2-Hexanone	8.684	43	22035	8.263	ug/L #	92
49) Dibromochloromethane	8.812	129	4400	2.431	ug/L	99
50) 1,2-Dibromoethane	8.925	107	4778	2.673	ug/L #	97
51) Chlorobenzene	9.446	112	10546	2.356	ug/L	92
52) Ethylbenzene	9.571	91	17777	2.279	ug/L	98
53) m,p-Xylene	9.693	106	6251	2.204	ug/L	95
54) o-Xylene	10.102	106	6398	2.240	ug/L	96
55) Styrene	10.115	104	10294	2.184	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.780	83	8819	2.738	ug/L #	87
59) Bromoform	10.291	173	3205	2.670	ug/L #	90
60) 1,2,3-Trichloropropane	10.822	75	6997	2.936	ug/L	94
61) Isopropylbenzene	10.484	105	15348	2.297	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	12109	2.148	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	11331	2.024	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	7345	2.518	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7638	2.607	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	8113	2.675	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.992	75	1654	2.368	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	5186m	2.537	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	4093	2.182	ug/L	97
71) Naphthalene	14.089	128	14069	2.098	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	4195	2.159	ug/L	89

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

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