

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024837.D
 Acq On : 28 Feb 2022 16:19
 Operator : SY/MD
 Sample : N1331-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Mar 01 02:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:37:50 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	337616	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	327124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	154647	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	144857	42.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.400%		
7) Chloroethane-d5	1.568	69	119082	44.213	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.420%		
11) 1,1-Dichloroethene-d2	2.108	63	199204	34.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.140%		
21) 2-Butanone-d5	3.883	46	189391	96.941	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.940%		
24) Chloroform-d	4.343	84	268885	44.869	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.740%		
26) 1,2-Dichloroethane-d4	5.027	65	165190	46.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.440%		
32) Benzene-d6	5.047	84	566580	46.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	6.066	67	180581	47.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.600%		
41) Toluene-d8	7.310	98	495729	46.150	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.300%		
43) trans-1,3-Dichloroprop...	7.619	79	74310	45.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.540%		
47) 2-Hexanone-d5	8.085	63	138320	96.464	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.460%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	212926	47.521	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	11.622	152	174470	48.976	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	7707	2.418	ug/L	98
3) Chloromethane	1.243	50	9268	2.810	ug/L	99
5) Vinyl chloride	1.311	62	8789	2.598	ug/L #	68
6) Bromomethane	1.523	94	5867	2.903	ug/L	97
8) Chloroethane	1.587	64	4930	2.486	ug/L	94
9) Trichlorofluoromethane	1.754	101	10093	2.333	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7633	2.975	ug/L #	85
12) 1,1-Dichloroethene	2.118	96	7722	3.090	ug/L #	1
13) Acetone	2.185	43	7629	5.114	ug/L	88
14) Carbon disulfide	2.294	76	19946	2.613	ug/L	98
15) Methyl Acetate	2.439	43	6384	2.491	ug/L	99
16) Methylene chloride	2.510	84	7474	2.554	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	6756	2.500	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	19640	2.383	ug/L	98
19) 1,1-Dichloroethane	3.192	63	11516	2.363	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	7175	2.453	ug/L	97
22) 2-Butanone	3.992	43	9475m	5.539	ug/L	
23) Bromochloromethane	4.253	128	3429	2.344	ug/L	91
25) Chloroform	4.372	83	14355	2.836	ug/L	96

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27) 1,2-Dichloroethane	5.137	62	8941	2.531	ug/L	99
29) Cyclohexane	4.674	56	10222	2.389	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	10410	2.417	ug/L	98
31) Carbon tetrachloride	4.825	117	8525	2.328	ug/L	99
33) Benzene	5.098	78	26602	2.410	ug/L	100
34) Trichloroethene	5.912	95	7981	2.637	ug/L	94
35) Methylcyclohexane	6.127	83	11581	2.522	ug/L	98
37) 1,2-Dichloropropane	6.175	63	6120	2.209	ug/L #	94
38) Bromodichloromethane	6.513	83	8380	2.308	ug/L	93
39) cis-1,3-Dichloropropene	7.031	75	9458	2.268	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	14712	4.454	ug/L	99
42) Toluene	7.391	91	35941	3.120	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	10190	2.660	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	6298	2.340	ug/L	96
46) Tetrachloroethene	7.973	164	4841	2.477	ug/L	91
48) 2-Hexanone	8.143	43	22184	8.534	ug/L	96
49) Dibromochloromethane	8.246	129	5873	2.258	ug/L	95
50) 1,2-Dibromoethane	8.355	107	6782	2.443	ug/L #	93
51) Chlorobenzene	8.883	112	17909	2.464	ug/L	94
52) Ethylbenzene	9.014	91	29017	2.388	ug/L	100
53) m,p-Xylene	9.140	106	10684	2.288	ug/L	94
54) o-Xylene	9.542	106	10813	2.397	ug/L	96
55) Styrene	9.564	104	16888	2.206	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	10694	2.840	ug/L	98
59) Bromoform	9.728	173	2979	2.115	ug/L #	94
60) Isopropylbenzene	9.931	105	27317	2.432	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	8086	2.613	ug/L	98
62) 1,3,5-Trimethylbenzene	10.539	105	18237	2.407	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	22659	2.440	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	12897	2.617	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	13100	2.596	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	13139	2.649	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	1532	2.169	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	8581	2.579	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	7191	2.481	ug/L	97
71) Naphthalene	13.503	128	22883	2.437	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	7302	2.555	ug/L	99

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

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