

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026950.D
 Acq On : 26 Jul 2022 14:18
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 27 01:50:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	402045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	406649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	183245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	220611	65.425	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 130.840%		
7) Chloroethane-d5	1.564	69	186623	68.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 136.820%#		
11) 1,1-Dichloroethene-d2	2.101	63	313596	51.693	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 103.380%		
21) 2-Butanone-d5	3.883	46	319079	140.386	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 140.390%#		
24) Chloroform-d	4.339	84	444669	67.006	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 134.020%#		
26) 1,2-Dichloroethane-d4	5.024	65	263990	69.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 139.080%#		
32) Benzene-d6	5.043	84	888663	72.295	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 144.600%#		
36) 1,2-Dichloropropane-d6	6.066	67	282416	71.294	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 142.580%#		
41) Toluene-d8	7.313	98	742822	69.067	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 138.140%#		
43) trans-1,3-Dichloroprop...	7.619	79	112472	67.761	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 135.520%#		
47) 2-Hexanone-d5	8.088	63	219841	127.458	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 127.460%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	407575	67.729	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 135.460%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	270861	78.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 157.580%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11601	2.793	ug/L	99
3) Chloromethane	1.240	50	11160	2.873	ug/L	93
5) Vinyl chloride	1.307	62	13618	3.298	ug/L #	79
6) Bromomethane	1.516	94	8059	3.230	ug/L	98
8) Chloroethane	1.580	64	7558	3.115	ug/L	95
9) Trichlorofluoromethane	1.748	101	17243	3.030	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13053	3.922	ug/L	86
12) 1,1-Dichloroethene	2.111	96	11983	3.855	ug/L #	1
13) Acetone	2.179	43	14468m	9.066	ug/L	
14) Carbon disulfide	2.288	76	26241	2.959	ug/L	96
15) Methyl Acetate	2.439	43	10771	3.060	ug/L	98
16) Methylene chloride	2.503	84	16434	4.147	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	9060	2.758	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	25846	2.833	ug/L #	88
19) 1,1-Dichloroethane	3.185	63	18535	3.064	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	10738	3.102	ug/L	96
22) 2-Butanone	3.989	43	16070m	7.383	ug/L	
23) Bromochloromethane	4.249	128	5936	2.995	ug/L	97
27) 1,2-Dichloroethane	5.137	62	14315	3.144	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.667	56	11272	2.651	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	16366	3.046	ug/L	99
31) Carbon tetrachloride	4.828	117	14083	2.994	ug/L	99
33) Benzene	5.098	78	42278	3.233	ug/L	100
34) Trichloroethene	5.918	95	10202	3.036	ug/L	94
35) Methylcyclohexane	6.127	83	12298	2.472	ug/L	96
37) 1,2-Dichloropropane	6.175	63	10128	2.976	ug/L #	96
38) Bromodichloromethane	6.510	83	13825	2.997	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	13325	2.821	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	20278	5.006	ug/L	99
42) Toluene	7.391	91	40677	3.047	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	13243m	2.843	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	11117	3.067	ug/L	97
46) Tetrachloroethene	7.976	164	7807	2.978	ug/L	94
48) 2-Hexanone	8.146	43	29168m	9.252	ug/L	
49) Dibromochloromethane	8.246	129	11250	2.970	ug/L	100
50) 1,2-Dibromoethane	8.355	107	10825	2.919	ug/L	98
51) Chlorobenzene	8.882	112	26920	2.893	ug/L	97
52) Ethylbenzene	9.014	91	34813	2.513	ug/L	98
53) m,p-Xylene	9.140	106	12491	2.302	ug/L	96
54) o-Xylene	9.545	106	12626	2.416	ug/L	100
55) Styrene	9.567	104	19214	2.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	19567	3.344	ug/L	99
59) Bromoform	9.734	173	7478	3.653	ug/L #	97
60) Isopropylbenzene	9.931	105	30461	2.813	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	13707	3.728	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	23242	2.641	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	22469	2.545	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	16318	2.949	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	18138	3.094	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	20237	3.565	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	3275	3.334	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	10746	2.743	ug/L	94
70) 1,2,4-trichlorobenzene	13.262	180	8336	2.526	ug/L	95
71) Naphthalene	13.506	128	22297	2.148	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8194	2.380	ug/L	95

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

