

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030777.D
 Acq On : 21 Apr 2023 20:43
 Operator : SY/MD
 Sample : 02215-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 22 02:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	225217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	69422	42.048	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.100%		
7) Chloroethane-d5	1.539	69	61250	44.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.540%		
11) 1,1-Dichloroethene-d2	2.066	65	34533	44.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.220%		
21) 2-Butanone-d5	3.802	46	77142	85.067	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.070%		
24) Chloroform-d	4.259	84	129611	43.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.640%		
26) 1,2-Dichloroethane-d4	4.950	65	91772	47.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	4.970	84	237169	45.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.420%		
36) 1,2-Dichloropropane-d6	5.998	67	72246	44.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.660%		
41) Toluene-d8	7.249	98	207728	42.644	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.280%		
43) trans-1,3-Dichloroprop...	7.561	79	34344	42.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.560%		
47) 2-Hexanone-d5	8.034	63	51141	80.554	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.550%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	98652	42.186	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.380%		
66) 1,2-Dichlorobenzene-d4	11.571	152	87137	49.938	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4710	2.432	ug/L	98
3) Chloromethane	1.220	50	7261	2.859	ug/L	98
5) Vinyl chloride	1.288	62	5365	2.620	ug/L #	75
6) Bromomethane	1.494	94	2217	2.730	ug/L	89
8) Chloroethane	1.555	64	3471	2.471	ug/L	99
9) Trichlorofluoromethane	1.719	101	8869	2.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	5361	3.073	ug/L #	87
12) 1,1-Dichloroethene	2.076	96	4923	3.122	ug/L #	1
13) Acetone	2.127	43	5706m	4.066	ug/L	
14) Carbon disulfide	2.246	76	9325	2.094	ug/L	99
15) Methyl Acetate	2.388	43	4976m	2.657	ug/L	
16) Methylene chloride	2.455	84	5320	2.948	ug/L	95
17) trans-1,2-Dichloroethene	2.706	96	3768	2.367	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	12383	2.428	ug/L #	85
19) 1,1-Dichloroethane	3.124	63	7200	2.218	ug/L	89
20) cis-1,2-Dichloroethene	3.828	96	4151	2.397	ug/L	94
22) 2-Butanone	3.905	43	7105m	4.900	ug/L	
23) Bromochloromethane	4.159	128	2432m	2.514	ug/L	
25) Chloroform	4.288	83	9216	2.743	ug/L	93

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27) 1,2-Dichloroethane	5.060	62	7193	2.529	ug/L #	93
29) Cyclohexane	4.597	56	5845	2.220	ug/L	96
30) 1,1,1-Trichloroethane	4.526	97	7491	2.429	ug/L	92
31) Carbon tetrachloride	4.744	117	6717	2.436	ug/L	96
33) Benzene	5.021	78	17454m	2.619	ug/L	
34) Trichloroethene	5.847	95	4427	2.554	ug/L	97
35) Methylcyclohexane	6.063	83	5636	2.075	ug/L	91
37) 1,2-Dichloropropane	6.105	63	4761m	2.654	ug/L	
38) Bromodichloromethane	6.449	83	6418	2.547	ug/L #	91
39) cis-1,3-Dichloropropene	6.966	75	6507m	2.417	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	10047m	4.010	ug/L	
42) Toluene	7.326	91	16440	2.303	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	6353	2.402	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	4465	2.483	ug/L	95
46) Tetrachloroethene	7.915	164	3752	2.473	ug/L	91
48) 2-Hexanone	8.088	43	13306m	6.437	ug/L	
49) Dibromochloromethane	8.188	129	4810	2.425	ug/L	97
50) 1,2-Dibromoethane	8.294	107	4258	2.285	ug/L #	98
51) Chlorobenzene	8.821	112	13297	2.813	ug/L	98
52) Ethylbenzene	8.957	91	17221	2.179	ug/L	98
53) m,p-Xylene	9.085	106	6325	2.119	ug/L	90
54) o-Xylene	9.487	106	6458	2.212	ug/L	81
55) Styrene	9.506	104	10131	1.975	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	7146	2.420	ug/L #	98
59) Bromoform	9.674	173	3765	2.739	ug/L #	91
60) Isopropylbenzene	9.876	105	15530	2.268	ug/L	93
61) 1,2,3-Trichloropropane	10.220	75	5129	2.609	ug/L	96
62) 1,3,5-Trimethylbenzene	10.487	105	12501	2.218	ug/L	91
63) 1,2,4-Trimethylbenzene	10.860	105	11970	2.127	ug/L	93
64) 1,3-Dichlorobenzene	11.130	146	8796	2.566	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	10472	2.897	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	10968	3.172	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	1795	3.081	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.590	180	5884	2.272	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	4544	2.067	ug/L	94
71) Naphthalene	13.451	128	9937	1.652	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	4338	1.990	ug/L	92

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

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