

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030598.D
 Acq On : 17 Apr 2023 19:00
 Operator : SY/MD
 Sample : 02360-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 02:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.555	114	267941	50.000	ug/L	# 0.01
28) Chlorobenzene-d5	8.796	117	278381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	138217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	83241	42.379	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	84.760%	
7) Chloroethane-d5	1.535	69	69725m	42.360	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	84.720%	
11) 1,1-Dichloroethene-d2	2.063	65	40200	43.156	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	86.320%	
21) 2-Butanone-d5	3.815	46	96955	89.868	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.870%	
24) Chloroform-d	4.262	84	150862	42.381	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	84.760%	
26) 1,2-Dichloroethane-d4	4.957	65	104190	45.527	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.060%	
32) Benzene-d6	4.985	84	300938	45.723	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.440%	
36) 1,2-Dichloropropane-d6	6.066	67	100403	49.110	ug/L	0.07
Spiked Amount 50.000	Range 70	- 120	Recovery	=	98.220%	
41) Toluene-d8	7.262	98	307093	49.695	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.380%	
43) trans-1,3-Dichloroprop...	7.564	79	52135	50.595	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.180%	
47) 2-Hexanone-d5	8.037	63	74678	92.723	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	92.720%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	127567	43.001	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	105961	48.232	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	96.460%	
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	17088	5.655	ug/L	99
6) Bromomethane	1.494	94	3316	3.432	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	177315	85.446	ug/L	99
12) 1,1-Dichloroethene	2.072	96	56227	29.969	ug/L	83
13) Acetone	2.134	43	26168	15.675	ug/L	91
20) cis-1,2-Dichloroethene	3.828	96	24899	12.085	ug/L	95
25) Chloroform	4.291	83	27424	6.861	ug/L	98
30) 1,1,1-Trichloroethane	4.535	97	936465	239.403	ug/L	100
31) Carbon tetrachloride	4.760	117	51111	14.614	ug/L	99
33) Benzene	5.043	78	42646	5.045	ug/L	100
34) Trichloroethene	5.847	95	95191236m	43291.278	ug/L	
38) Bromodichloromethane	6.461	83	13272	4.152	ug/L	# 92
40) 4-Methyl-2-pentanone	7.175	43	3729409	1173.371	ug/L	99
42) Toluene	7.333	91	2076850	229.370	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	175107	76.749	ug/L	99
46) Tetrachloroethene	7.918	164	36900	19.172	ug/L	99
52) Ethylbenzene	8.960	91	20117	2.007	ug/L	97
53) m,p-Xylene	9.085	106	8460	2.234	ug/L	93
54) o-Xylene	9.490	106	2496	0.674	ug/L	81

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	9.876	105	103739	12.035	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	6960	1.529	ug/L	97

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

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

Abundance

TIC: VV030598.D\data.ms

Time-->

Chloroethane, T

1,1,1-Trichloroethane, T

1,1,2-Trichloroethane, T

1,2-Dichloropropane-d6, S

Bromodichloromethane, T

Toluene, T

Methyl 2-pentanone, T

trans-1,3-Dichloropropene-d4, S

1,1,2-Trichloroethane, T

1,2-Dichloroethene, T

2-Hexanone-d6, S

Chlorobenzene-d5, I

Ethylbenzene, T

m,p-Xylene, I

o-Xylene, T

Isopropylbenzene

1,1,2,2-Tetrachloroethane-d2, S

1,1,1,2-Tetrachloroethane-d4, I

1,1,2,2-Tetrachloroethane-d4, S

1,2-Dichlorobenzene-d4, S

Trichloroethene, T