

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035196.D
 Acq On : 20 Apr 2023 01:53
 Operator : JC/MD
 Sample : 02378-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	433423	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	302335	50.000	ug/L	# 0.04
58) 1,4-Dichlorobenzene-d4	12.043	152	168336	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	121502	43.476	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	86.960%	
7) Chloroethane-d5	1.673	69	95637	47.358	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	94.720%	
11) 1,1-Dichloroethene-d2	2.307	65	64392	48.154	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.300%	
21) 2-Butanone-d5	4.459	46	217294	116.675	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	116.670%	
24) Chloroform-d	5.056	84	305869	58.117	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	116.240%	
26) 1,2-Dichloroethane-d4	5.971	65	185771	54.966	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.940%	
32) Benzene-d6	5.989	84	582253	67.042	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	134.080%#	
36) 1,2-Dichloropropane-d6	7.306	67	181386	68.372	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	136.740%#	
41) Toluene-d8	8.653	98	514528	64.823	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	129.640%#	
43) trans-1,3-Dichloroprop...	8.952	79	73054	63.011	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	126.020%#	
47) 2-Hexanone-d5	9.391	63	154447	144.973	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	144.970%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	219673	67.613	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	135.220%#	
66) 1,2-Dichlorobenzene-d4	12.341	152	159239	48.814	ug/L	0.02
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.620%	
Target Compounds						Qvalue
13) Acetone	2.392	43	39650	28.705	ug/L	99
25) Chloroform	5.093	83	645803	123.922	ug/L	100
29) Cyclohexane	5.471	56	38583	10.562	ug/L	99
31) Carbon tetrachloride	5.678	117	411545	136.872	ug/L	100
33) Benzene	6.056	78	39211765m	4282.711	ug/L	
35) Methylcyclohexane	7.385	83	13540	4.128	ug/L	# 75
38) Bromodichloromethane	7.830	83	6665	2.340	ug/L	97
42) Toluene	8.720	91	23981	2.525	ug/L	99
46) Tetrachloroethene	9.275	164	4497	2.479	ug/L	98
49) Dibromochloromethane	9.525	129	3204	1.474	ug/L	87
51) Chlorobenzene	10.092	112	45011556m	7192.352	ug/L	
64) 1,3-Dichlorobenzene	11.982	146	9688843	1855.946	ug/L	86
65) 1,4-Dichlorobenzene	12.061	146	28131040m	5266.113	ug/L	
67) 1,2-Dichlorobenzene	12.360	146	27874943m	5266.093	ug/L	
70) 1,2,4-trichlorobenzene	13.603	180	12425856	4111.840	ug/L	# 94
72) 1,2,3-Trichlorobenzene	13.969	180	4903187	1643.537	ug/L	97

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