

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040524\
 Data File : VW035027.D
 Acq On : 06 Apr 2024 00:39
 Operator : SY/MD
 Sample : P2006-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCO RH3

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 04/08/2024
 Supervised By : Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 03:19:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.821	117	410420	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.214	152	238676	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176641	43.850	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	87.700%	
7) Chloroethane-d5	1.532	69	162507	46.445	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.900%	
11) 1,1-Dichloroethene-d2	2.060	65	78659	44.545	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.100%	
21) 2-Butanone-d5	3.793	46	206078	86.257	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	86.260%	
24) Chloroform-d	4.246	84	318395	47.010	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.020%	
26) 1,2-Dichloroethane-d4	4.947	65	198995	46.277	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.560%	
32) Benzene-d6	4.966	84	636589	46.176	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.360%	
36) 1,2-Dichloropropane-d6	5.989	67	197928	45.212	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	90.420%	
41) Toluene-d8	7.243	98	561261	45.206	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.420%	
43) trans-1,3-Dichloroprop...	7.551	79	89422	42.017	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.040%	
47) 2-Hexanone-d5	8.034	63	143012	86.403	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	86.400%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	293635	48.707	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	97.420%	
66) 1,2-Dichlorobenzene-d4	11.590	152	222136	41.453	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery	=	82.900%	
Target Compounds						Qvalue
13) Acetone	2.124	43	37825	17.245	ug/L	99
25) Chloroform	4.272	83	468452	76.340	ug/L	97
29) Cyclohexane	4.584	56	36345	7.070	ug/L	100
31) Carbon tetrachloride	4.735	117	379886	83.778	ug/L	100
33) Benzene	4.995	78	33822419m	2527.227	ug/L	
35) Methylcyclohexane	6.050	83	15319	2.808	ug/L #	72
38) Bromodichloromethane	6.442	83	5086	1.066	ug/L	93
42) Toluene	7.326	91	22172	1.582	ug/L	100
46) Tetrachloroethene	7.912	164	4690	1.859	ug/L	83
51) Chlorobenzene	8.809	112	50326667m	5541.956	ug/L	
64) 1,3-Dichlorobenzene	11.130	146	16739174	2081.741	ug/L	90
65) 1,4-Dichlorobenzene	11.210	146	37068243m	4533.192	ug/L	
67) 1,2-Dichlorobenzene	11.583	146	37425940m	4672.269	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	32974	5.690	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	20193109m	3793.373	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	7339124	1398.662	ug/L	99

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