

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040682.D
 Acq On : 16 Mar 2024 02:42
 Operator : JC/MD
 Sample : P1754-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL29

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 16 05:56:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	152263	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	136583	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41757	31.285	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.580%		
7) Chloroethane-d5	1.666	69	33873	31.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.580%#		
11) 1,1-Dichloroethene-d2	2.306	65	20161	32.813	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.620%		
21) 2-Butanone-d5	4.452	46	98699	96.365	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.360%		
24) Chloroform-d	5.056	84	106193	42.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.680%		
26) 1,2-Dichloroethane-d4	5.952	65	80025	43.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.480%		
32) Benzene-d6	5.970	84	176356	42.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.180%		
36) 1,2-Dichloropropane-d6	7.306	67	58958	45.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	8.647	98	156098	38.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.320%#		
43) trans-1,3-Dichloroprop...	8.952	79	27673	40.036	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.080%		
47) 2-Hexanone-d5	9.384	63	66076	92.210	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.210%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94798	48.754	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	64561	43.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.580%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	74850	58.563	ug/L	99
8) Chloroethane	1.691	64	2814m	3.840	ug/L	
12) 1,1-Dichloroethene	2.319	96	1051458	1132.898	ug/L #	71
13) Acetone	2.380	43	132359	180.966	ug/L	97
19) 1,1-Dichloroethane	3.611	63	152587	82.420	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	28981	27.126	ug/L	97
22) 2-Butanone	4.568	43	3598m	3.715	ug/L	
27) 1,2-Dichloroethane	6.086	62	12417	6.763	ug/L #	95
30) 1,1,1-Trichloroethane	5.379	97	14467m	8.504	ug/L	
33) Benzene	6.044	78	15685	4.275	ug/L	100
34) Trichloroethene	7.129	95	35886	33.131	ug/L	98
46) Tetrachloroethene	9.275	164	2379	3.059	ug/L	88

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

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