

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040681.D
 Acq On : 16 Mar 2024 02:19
 Operator : JC/MD
 Sample : P1754-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL28

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 05:56:25 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	149930	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63023	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41009	31.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.400%		
7) Chloroethane-d5	1.666	69	40128	38.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.480%		
11) 1,1-Dichloroethene-d2	2.307	65	20000	33.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.120%		
21) 2-Butanone-d5	4.452	46	96830	96.011	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.010%		
24) Chloroform-d	5.056	84	104189	42.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.380%		
26) 1,2-Dichloroethane-d4	5.958	65	79382	43.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
32) Benzene-d6	5.970	84	175275	39.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.920%		
36) 1,2-Dichloropropane-d6	7.306	67	58195	42.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.540%		
41) Toluene-d8	8.647	98	152048	35.520	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.040%#		
43) trans-1,3-Dichloroprop...	8.952	79	27495	37.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.060%		
47) 2-Hexanone-d5	9.385	63	66159	87.098	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.100%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	93108	45.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.340%		
66) 1,2-Dichlorobenzene-d4	12.317	152	57692	43.707	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.420%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	68171	54.167	ug/L	97
8) Chloroethane	1.685	64	3710m	5.141	ug/L	
12) 1,1-Dichloroethene	2.319	96	1050228	1149.181	ug/L #	72
13) Acetone	2.380	43	41639	57.816	ug/L	98
19) 1,1-Dichloroethane	3.611	63	153729	84.329	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	30045	28.559	ug/L	93
27) 1,2-Dichloroethane	6.092	62	13193	7.298	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	14676	8.139	ug/L	99
33) Benzene	6.038	78	15090	3.880	ug/L	100
34) Trichloroethene	7.123	95	35806	31.186	ug/L	98
46) Tetrachloroethene	9.275	164	1409	1.709	ug/L	87

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

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