

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040702.D
 Acq On : 18 Mar 2024 16:23
 Operator : JC/MD
 Sample : P1753-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL38

Quant Time: Mar 19 01:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	148419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66944	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62396	47.959	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.920%		
7) Chloroethane-d5	1.666	69	43311	41.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.400%		
11) 1,1-Dichloroethene-d2	2.307	65	27717	46.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.560%		
21) 2-Butanone-d5	4.453	46	93968	94.122	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.120%		
24) Chloroform-d	5.056	84	116034	48.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
26) 1,2-Dichloroethane-d4	5.952	65	85976	47.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.977	84	214354	49.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.840%		
36) 1,2-Dichloropropane-d6	7.306	67	67800	50.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.900%		
41) Toluene-d8	8.647	98	198127	47.879	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
43) trans-1,3-Dichloroprop...	8.952	79	32930	46.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.980%		
47) 2-Hexanone-d5	9.385	63	66023	89.913	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.910%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94336	47.346	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.700%		
66) 1,2-Dichlorobenzene-d4	12.317	152	72337	51.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.180%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2167	1.739	ug/L #	52
12) 1,1-Dichloroethene	2.319	96	19250	21.278	ug/L #	43
13) Acetone	2.374	43	108543	152.247	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	3364	1.047	ug/L #	72
19) 1,1-Dichloroethane	3.611	63	9313	5.161	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	6539	6.279	ug/L	98
22) 2-Butanone	4.568	43	3955	4.189	ug/L	96
27) 1,2-Dichloroethane	6.086	62	36985	20.666	ug/L #	96
30) 1,1,1-Trichloroethane	5.385	97	3660m	2.100	ug/L	

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

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