

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041142.D
 Acq On : 17 Apr 2024 21:52
 Operator : JC/MD
 Sample : P2144-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E07Z2

Quant Time: Apr 18 02:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 02:15:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/18/2024
 Supervised By :Mahesh Dadoda 04/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	175338	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	156731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57959	46.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.400%		
7) Chloroethane-d5	1.648	69	29022	46.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.960%		
11) 1,1-Dichloroethene-d2	2.288	65	24653	45.865	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.740%		
21) 2-Butanone-d5	4.471	46	81214	113.392	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.390%		
24) Chloroform-d	5.056	84	107233	46.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.880%		
26) 1,2-Dichloroethane-d4	5.952	65	72015	49.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.140%		
32) Benzene-d6	5.970	84	223565	49.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.040%		
36) 1,2-Dichloropropane-d6	7.306	67	65770	50.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.660%		
41) Toluene-d8	8.647	98	193061	45.586	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.180%		
43) trans-1,3-Dichloroprop...	8.952	79	24351	41.655	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.300%		
47) 2-Hexanone-d5	9.391	63	53696	101.208	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.210%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92967	48.761	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.520%		
66) 1,2-Dichlorobenzene-d4	12.323	152	75727	49.563	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.120%		
Target Compounds						Qvalue
13) Acetone	2.398	43	6829	11.887	ug/L	95
16) Methylene chloride	2.788	84	5195m	4.715	ug/L	
25) Chloroform	5.099	83	14469	7.124	ug/L	99
38) Bromodichloromethane	7.830	83	2020	1.491	ug/L	97

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

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