

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039288.D
 Acq On : 16 Dec 2023 14:21
 Operator : JC/MD
 Sample : 05845-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE1

Quant Time: Dec 16 21:12:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	216515	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69281	40.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.600%
7) Chloroethane-d5	1.666	69	51726	41.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.420%
11) 1,1-Dichloroethene-d2	2.306	65	34757	46.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.452	46	153155	99.631	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.630%
24) Chloroform-d	5.056	84	141845	47.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	5.952	65	99305	51.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
32) Benzene-d6	5.977	84	295639	47.600	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	7.312	67	94868	47.463	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	8.647	98	263701	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.952	79	41728	41.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.040%
47) 2-Hexanone-d5	9.384	63	108825	91.158	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.160%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131577	46.404	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	87540	48.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	33708	24.167	ug/L #	68
13) Acetone	2.374	43	60112	40.705	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	11510	2.250	ug/L #	92
19) 1,1-Dichloroethane	3.611	63	17382	5.982	ug/L	97
22) 2-Butanone	4.556	43	68504	37.798	ug/L	99
27) 1,2-Dichloroethane	6.086	62	60811	26.583	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	58353	23.898	ug/L	98

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

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