

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039245.D
 Acq On : 15 Dec 2023 21:48
 Operator : JC/MD
 Sample : 05844-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH4

Quant Time: Dec 16 01:53:27 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	208342	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	90960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63867	39.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.160%
7) Chloroethane-d5	1.666	69	51621	42.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	2.306	65	34629	48.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
21) 2-Butanone-d5	4.452	46	151618	102.500	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.056	84	145613	50.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	5.958	65	102973	54.964	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.920%
32) Benzene-d6	5.970	84	291679	49.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	7.305	67	96054	50.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	8.647	98	263697	49.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	8.952	79	45071	46.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.640%
47) 2-Hexanone-d5	9.384	63	109659	97.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138373	51.567	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	91063	52.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	3578	2.090	ug/L #	65
12) 1,1-Dichloroethene	2.319	96	30206	22.505	ug/L #	56
13) Acetone	2.373	43	54318	38.224	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	4274	0.868	ug/L #	88
19) 1,1-Dichloroethane	3.611	63	14644	5.237	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	11563	7.049	ug/L	96
22) 2-Butanone	4.556	43	36264	20.794	ug/L	99
27) 1,2-Dichloroethane	6.086	62	47726	21.681	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	4532	1.961	ug/L #	87

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

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