

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039266.D
 Acq On : 16 Dec 2023 05:49
 Operator : JC/MD
 Sample : 05845-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE7

Quant Time: Dec 16 20:15:47 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	6.757	114	237067	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	218053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55729	29.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.940%#
7) Chloroethane-d5	1.666	69	46213	33.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.240%#
11) 1,1-Dichloroethene-d2	2.307	65	29477	36.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	4.446	46	138143	82.074	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.070%
24) Chloroform-d	5.056	84	132877	40.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.740%
26) 1,2-Dichloroethane-d4	5.952	65	92665	43.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
32) Benzene-d6	5.970	84	264410	39.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.580%
36) 1,2-Dichloropropane-d6	7.306	67	86993	40.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.340%
41) Toluene-d8	8.647	98	236479	38.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.560%#
43) trans-1,3-Dichloroprop...	8.952	79	37339	33.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.760%
47) 2-Hexanone-d5	9.385	63	95948	74.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124902	40.655	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	82668	42.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	5990	3.076	ug/L	84
12) 1,1-Dichloroethene	2.319	96	79073	51.776	ug/L	91
13) Acetone	2.374	43	56234	34.778	ug/L	94
19) 1,1-Dichloroethane	3.611	63	38000	11.943	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	23645	12.669	ug/L	97
22) 2-Butanone	4.550	43	70999	35.778	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	6050	2.287	ug/L	94

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

