

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039293.D
 Acq On : 16 Dec 2023 16:16
 Operator : JC/MD
 Sample : 05845-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE6

Quant Time: Dec 16 21:13:12 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	217723	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68072	39.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.720%
7) Chloroethane-d5	1.666	69	52471	41.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.140%
11) 1,1-Dichloroethene-d2	2.307	65	34958	46.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.452	46	148353	95.971	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.970%
24) Chloroform-d	5.056	84	142827	47.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
26) 1,2-Dichloroethane-d4	5.958	65	97884	49.997	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
32) Benzene-d6	5.977	84	289852	46.594	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
36) 1,2-Dichloropropane-d6	7.306	67	93245	46.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	8.647	98	257824	45.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	8.952	79	41864	41.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.180%
47) 2-Hexanone-d5	9.385	63	104794	87.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.640%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128871	45.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	85527	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	8628	4.824	ug/L	89
13) Acetone	2.374	43	70326	47.357	ug/L	96
19) 1,1-Dichloroethane	3.611	63	47304	16.188	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	27550	16.072	ug/L	96
22) 2-Butanone	4.556	43	77833	42.707	ug/L	100
27) 1,2-Dichloroethane	6.086	62	2600	1.130	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	10947	4.476	ug/L	96

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

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