

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016817.D
 Acq On : 11 Jun 2020 11:23
 Operator : SY/MD
 Sample : L2929-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTW0

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 3:36:01 PM

Quant Time: Jun 12 02:11:45 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 12 01:27:40 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341712	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99571	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.60%
7) Chloroethane-d5	1.56	69	69887	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	137773	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.89	46	175762	98.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.49%
24) Chloroform-d	4.37	84	222338	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.05	65	158491	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	428709	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
36) 1,2-Dichloropropane-d6	6.09	67	133586	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.00%
41) Toluene-d8	7.34	98	384632	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.64	79	66741	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.11	63	107732	85.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179685	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	165656	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	17498	7.182 ug/L	88
13) Acetone	2.17	43	5651	4.806 ug/L	87
20) cis-1,2-Dichloroethene	3.94	96	5114	2.029 ug/L	97
34) Trichloroethene	5.94	95	2370m	0.924 ug/L	

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

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