

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016688.D
 Acq On : 09 Jun 2020 02:55
 Operator : SY/MD
 Sample : L2895-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0M2

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:39:03 AM

Quant Time: Jun 09 05:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345819	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106532	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.57	69	72626	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	144029	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	3.90	46	182508	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	4.37	84	233246	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.05	65	167772	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.07	84	458502	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.09	67	145141	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.34	98	404896	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	65618	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.11	63	122267	96.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184590	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	161376	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	86617	35.130	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	2024	0.865	ug/L 89
19) 1,1-Dichloroethane	3.21	63	4816	1.093	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	360122m	141.152	ug/L
34) Trichloroethene	5.94	95	19079	7.433	ug/L 95
46) Tetrachloroethene	8.00	164	88930	44.054	ug/L 99

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

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