

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016452.D
 Acq On : 03 Jun 2020 13:22
 Operator : SY/MD
 Sample : L2843-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	373213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181121	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127111	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.58	69	92189	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.12	63	179341	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	3.90	46	195072	109.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.87%
24) Chloroform-d	4.37	84	248326	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.05	65	168978	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.07	84	495330	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	157187	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.34	98	443870	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	7.64	79	72768	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.11	63	148854	111.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204401	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	180749	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	227557	75.574	ug/L	99
12) 1,1-Dichloroethene	2.13	96	8841	4.062	ug/L #	1
13) Acetone	2.18	43	4995	3.010	ug/L	83
17) trans-1,2-Dichloroethene	2.78	96	19618	7.144	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	3190636m	1076.614	ug/L	
25) Chloroform	4.40	83	5212	0.979	ug/L	81
34) Trichloroethene	5.94	95	4379804	1520.726	ug/L	98
42) Toluene	7.41	91	21817	1.876	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	1833	0.663	ug/L	94
46) Tetrachloroethene	8.00	164	1627	0.733	ug/L	93
51) Chlorobenzene	8.90	112	6940	0.908	ug/L	96

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

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