

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016567.D
 Acq On : 06 Jun 2020 04:27
 Operator : SY/MD
 Sample : L2862-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 07:34:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109639	40.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.40%
7) Chloroethane-d5	1.56	69	91367	46.99	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	2.12	63	161785	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.76%
21) 2-Butanone-d5	3.90	46	193796	112.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.52%
24) Chloroform-d	4.38	84	251348	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.10	65	184970	54.65	ug/L	0.05
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.30%
32) Benzene-d6	5.09	84	472427	47.12	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	6.09	67	149437	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.34	98	457639	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.64	79	73951	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.16%
47) 2-Hexanone-d5	8.11	63	149664	111.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199280	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	193450	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.17	43	7516	4.669	ug/L	80
29) Cyclohexane	4.70	56	904769	203.684	ug/L	100
33) Benzene	5.12	78	52634195m	4781.878	ug/L	
35) Methylcyclohexane	6.15	83	59224	14.286	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	14565	3.690	ug/L #	75
42) Toluene	7.42	91	13559546	1162.560	ug/L	93
52) Ethylbenzene	9.03	91	17943696m	1413.514	ug/L	
53) m,p-Xylene	9.16	106	1220080	254.892	ug/L	99
54) o-xylene	9.57	106	1815314	391.585	ug/L	99
56) Isopropylbenzene	9.96	105	406818	33.785	ug/L	99

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

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