

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017957.D
 Acq On : 13 Aug 2020 04:03
 Operator : SY/MD
 Sample : L3644-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 07:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249587	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76959	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.82%
7) Chloroethane-d5	1.58	69	69797	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.12	63	113060	31.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.08%
21) 2-Butanone-d5	3.91	46	150585	120.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.73%
24) Chloroform-d	4.38	84	157276	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.06	65	110225	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.07	84	309941	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.09	67	106407	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.64%
41) Toluene-d8	7.34	98	277422	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.64	79	15035	15.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	30.72%#
47) 2-Hexanone-d5	8.11	63	95891	138.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.49%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146002	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	104078	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11907m	5.369	ug/L	
13) Acetone	2.19	43	2394139	1858.419	ug/L	93
14) Carbon disulfide	2.31	76	18055	3.918	ug/L	100
15) Methyl Acetate	2.45	43	335890	161.564	ug/L	# 90
17) trans-1,2-Dichloroethene	2.78	96	1202	0.698	ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	17507	9.257	ug/L	96
22) 2-Butanone	3.99	43	160196	110.845	ug/L	98
33) Benzene	5.13	78	21457	2.896	ug/L	100
34) Trichloroethene	5.94	95	7602	3.882	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	177809	67.318	ug/L	99
42) Toluene	7.41	91	15254	1.973	ug/L	100
46) Tetrachloroethene	8.00	164	3452	2.403	ug/L	96

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

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