

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017820.D
 Acq On : 06 Aug 2020 18:20
 Operator : SY/MD
 Sample : L3590-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L20

Quant Time: Aug 07 06:53:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223188	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	217391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41945	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.08%
7) Chloroethane-d5	1.58	69	40461	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	2.12	63	82773	31.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	3.90	46	80867	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.38	84	134143	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	108396	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.08	84	226159	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.09	67	61583	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.34	98	227561	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	34034	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
47) 2-Hexanone-d5	8.11	63	59903	98.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96620	45.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	118134	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	198828	125.578	ug/L	99
8) Chloroethane	1.60	64	1987	2.073	ug/L	86
13) Acetone	2.19	43	2045	1.968	ug/L	87
17) trans-1,2-Dichloroethene	2.78	96	26836	17.718	ug/L	91
18) Methyl tert-butyl Ether	2.78	73	12044	2.419	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	72655	44.909	ug/L	92
29) Cyclohexane	4.70	56	5994	2.722	ug/L #	46
33) Benzene	5.13	78	9761	1.655	ug/L	100
35) Methylcyclohexane	6.15	83	10184	4.143	ug/L #	85
53) m,p-Xylene	9.16	106	2468	0.858	ug/L	95

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

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