

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016879.D
 Acq On : 12 Jun 2020 15:13
 Operator : SY/MD
 Sample : L2947-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE1

Quant Time: Jun 13 02:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309590	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97374	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.56	69	71425	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.98%
11) 1,1-Dichloroethene-d2	2.12	63	175148	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
21) 2-Butanone-d5	3.89	46	166250	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.37	84	219278	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.05	65	156805	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
32) Benzene-d6	5.07	84	417697	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.09	67	128198	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.56%
41) Toluene-d8	7.34	98	383867	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.64	79	66134	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.64%
47) 2-Hexanone-d5	8.11	63	105906	90.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178855	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	167555	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	13352	6.049	ug/L 84
8) Chloroethane	1.58	64	11791	10.814	ug/L 96
12) 1,1-Dichloroethene	2.13	96	65570	42.673	ug/L 87
17) trans-1,2-Dichloroethene	2.78	96	2079	0.992	ug/L 80
19) 1,1-Dichloroethane	3.21	63	1796534	455.560	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	21915	9.595	ug/L 98
30) 1,1,1-Trichloroethane	4.63	97	5878635	1543.676	ug/L 99
33) Benzene	5.13	78	19578	2.216	ug/L 100
42) Toluene	7.41	91	7248	0.778	ug/L 99
45) 1,1,2-Trichloroethane	7.87	97	1796	0.810	ug/L 83
51) Chlorobenzene	8.90	112	31263	5.145	ug/L 96
65) 1,2-Dichlorobenzene	11.67	146	11960	2.467	ug/L 99

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

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