

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016907.D
 Acq On : 13 Jun 2020 03:18
 Operator : SY/MD
 Sample : L2990-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG5

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:22:54 PM

Quant Time: Jun 13 06:46:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102961	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.82%
7) Chloroethane-d5	1.57	69	57186	38.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.66%
11) 1,1-Dichloroethene-d2	2.12	63	144978	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.44%
21) 2-Butanone-d5	3.90	46	174013	94.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.55%
24) Chloroform-d	4.37	84	224961	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.05	65	164685	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
32) Benzene-d6	5.07	84	436173	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.09	67	135237	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.34	98	411656	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%
43) trans-1,3-Dichloropropene-	7.64	79	71160	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.11	63	120806	92.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176428	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	167633	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

Target Compounds

					Ovalue
8) Chloroethane	1.58	64	2338	1.884	ug/L 86
19) 1,1-Dichloroethane	3.21	63	30766	6.854	ug/L 96
29) Cyclohexane	4.70	56	32251	7.773	ug/L 92
30) 1,1,1-Trichloroethane	4.63	97	5344m	1.255	ug/L
35) Methylcyclohexane	6.15	83	243642	58.617	ug/L 93
40) 4-Methyl-2-pentanone	7.29	43	7904	2.171	ug/L # 47
42) Toluene	7.41	91	79650	7.648	ug/L 99
52) Ethylbenzene	9.04	91	5235628	453.885	ug/L 98
53) m,p-Xylene	9.18	106	16661351m	3879.330	ug/L
54) o-xylene	9.57	106	21914	5.173	ug/L 98
56) Isopropylbenzene	9.95	105	507327	44.574	ug/L 100

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

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