

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016910.D
 Acq On : 13 Jun 2020 04:29
 Operator : SY/MD
 Sample : L2990-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:23:07 PM

Quant Time: Jun 15 01:41:42 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	5.65	114	360409	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	335471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105465	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.94%
7) Chloroethane-d5	1.57	69	62419	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.12	63	147938	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	3.90	46	179804	95.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.53%
24) Chloroform-d	4.38	84	232893	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.06	65	170118	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
32) Benzene-d6	5.08	84	448338	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	6.10	67	141260	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.72%
41) Toluene-d8	7.39	98	416143	46.89	ug/L	0.05
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.66	79	62272	39.66	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.32%
47) 2-Hexanone-d5	8.12	63	116666	88.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170763	42.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	177369	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11352	4.418	ug/L #	76
13) Acetone	2.18	43	3308	2.667	ug/L	95
15) Methyl Acetate	2.44	43	29569	10.697	ug/L	100
19) 1,1-Dichloroethane	3.21	63	29227	6.366	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	85518m	32.162	ug/L	
29) Cyclohexane	4.70	56	480756	115.324	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	4259m	0.996	ug/L	
34) Trichloroethene	5.95	95	2278	0.856	ug/L #	82
35) Methylcyclohexane	6.16	83	2668283	638.937	ug/L	97
42) Toluene	7.41	91	79061467m	7555.951	ug/L	
52) Ethylbenzene	9.04	91	30654452m	2644.981	ug/L	
53) m,p-Xylene	9.18	106	39215529m	9087.761	ug/L	
54) o-xylene	9.59	106	17912324m	4208.842	ug/L	
56) Isopropylbenzene	9.96	105	1115854	97.578	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	28110	5.037	ug/L	95

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

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