

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014640.D
 Acq On : 20 Feb 2020 21:41
 Operator : SY/MD
 Sample : L1607-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 4:13:13 PM

Quant Time: Feb 21 06:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268038	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	261937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	124888	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51088	49.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.26%
7) Chloroethane-d5	1.58	69	38784	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.14%
11) 1,1-Dichloroethene-d2	2.13	63	78170	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
21) 2-Butanone-d5	3.93	46	90158	105.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.40	84	154907	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.08	65	103188	55.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.82%
32) Benzene-d6	5.10	84	326544	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
36) 1,2-Dichloropropane-d6	6.14	67	102682	54.42	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.84%
41) Toluene-d8	7.36	98	323261	53.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.28%
43) trans-1,3-Dichloropropene-	7.66	79	55661	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.00%
47) 2-Hexanone-d5	8.13	63	77028	102.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.17%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	129176	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	118581	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	61065	69.052	ug/L	98
12) 1,1-Dichloroethene	2.14	96	14927	18.158	ug/L #	36
13) Acetone	2.19	43	3668	5.009	ug/L	75
20) cis-1,2-Dichloroethene	3.96	96	24807	13.232	ug/L	96
25) Chloroform	4.43	83	13103	4.165	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	351410	123.323	ug/L	99
31) Carbon tetrachloride	4.88	117	21625	8.405	ug/L	98
33) Benzene	5.15	78	15230	2.215	ug/L	100
34) Trichloroethene	5.99	95	53474912m	28814.523	ug/L	
38) Bromodichloromethane	6.56	83	3688	1.481	ug/L #	92
40) 4-Methyl-2-pentanone	7.27	43	298310	142.213	ug/L	99
42) Toluene	7.43	91	506853	67.586	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	47897	27.305	ug/L	98
46) Tetrachloroethene	8.02	164	19317	13.237	ug/L	98
52) Ethylbenzene	9.05	91	6303	0.741	ug/L	90
53) m,p-Xylene	9.18	106	3117	0.939	ug/L	81
56) Isopropylbenzene	9.97	105	30788	3.646	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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