

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016911.D
 Acq On : 13 Jun 2020 04:53
 Operator : SY/MD
 Sample : L2990-13MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 07:18:13 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	370686	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	349807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103136	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.86%
7) Chloroethane-d5	1.57	69	62278	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.36%
11) 1,1-Dichloroethene-d2	2.12	63	206634	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
21) 2-Butanone-d5	3.90	46	173724	89.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.74%
24) Chloroform-d	4.38	84	224146	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	5.06	65	170633	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.08	84	434654	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.10	67	132828	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.52%
41) Toluene-d8	7.39	98	417417m	45.11	ug/L	0.05
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.66	79	66378	40.55	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
47) 2-Hexanone-d5	8.12	63	113092	82.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169521	40.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	176895	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	11036	4.176	ug/L # 78
12) 1,1-Dichloroethene	2.13	96	91994	50.002	ug/L 93
13) Acetone	2.18	43	3606	2.827	ug/L 75
15) Methyl Acetate	2.44	43	54932	19.322	ug/L 99
19) 1,1-Dichloroethane	3.21	63	28722	6.083	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	81321	29.736	ug/L 98
29) Cyclohexane	4.70	56	455113	104.698	ug/L 98
30) 1,1,1-Trichloroethane	4.64	97	4321	0.969	ug/L # 86
33) Benzene	5.13	78	477978	46.182	ug/L 100
34) Trichloroethene	5.94	95	132206	47.629	ug/L 98
35) Methylcyclohexane	6.16	83	2579740	592.418	ug/L 98
42) Toluene	7.41	91	78742304m	7217.036	ug/L
51) Chlorobenzene	8.91	112	353808	49.704	ug/L 98
52) Ethylbenzene	9.04	91	30681271m	2538.802	ug/L
53) m,p-Xylene	9.18	106	39098605m	8689.336	ug/L
54) o-xylene	9.59	106	17951114m	4045.093	ug/L
56) Isopropylbenzene	9.96	105	1137689	95.411	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.67	146	29916	4.931	ug/L	96

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

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