

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016912.D
 Acq On : 13 Jun 2020 05:17
 Operator : SY/MD
 Sample : L2990-14MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:23:16 PM

Quant Time: Jun 13 07:21:53 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	363573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	345921	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103546	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.57	69	63337	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.28%
11) 1,1-Dichloroethene-d2	2.12	63	213635	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.18%
21) 2-Butanone-d5	3.90	46	164918	86.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.85%
24) Chloroform-d	4.38	84	228380	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	172595	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	438756	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.10	67	135267	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.38	98	429547m	46.94	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.67	79	66013	40.78	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
47) 2-Hexanone-d5	8.12	63	117640	86.81	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176403	42.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	181695	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11010	4.247	ug/L	# 69
12) 1,1-Dichloroethene	2.13	96	93543	51.839	ug/L	98
13) Acetone	2.18	43	3731	2.982	ug/L	92
15) Methyl Acetate	2.44	43	57645	20.673	ug/L	96
19) 1,1-Dichloroethane	3.21	63	29196	6.304	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	86515	32.254	ug/L	98
29) Cyclohexane	4.70	56	476182	110.776	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	4446	1.008	ug/L	96
33) Benzene	5.13	78	483855	47.275	ug/L	100
34) Trichloroethene	5.94	95	134375	48.954	ug/L	98
35) Methylcyclohexane	6.16	83	2708616	629.001	ug/L	98
42) Toluene	7.41	91	80411235m	7452.793	ug/L	
51) Chlorobenzene	8.92	112	364383	51.764	ug/L	98
52) Ethylbenzene	9.04	91	30892392m	2584.988	ug/L	
53) m,p-Xylene	9.18	106	39729301m	8928.691	ug/L	
54) o-xylene	9.59	106	18851382m	4295.680	ug/L	
56) Isopropylbenzene	9.96	105	1158347	98.234	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.67	146	27328	4.636	ug/L	91

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

