

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV017528.D
 Acq On : 17 Jul 2020 17:04
 Operator : SY/MD
 Sample : L3336-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2

Quant Time: Jul 18 06:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353672	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83551	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.76%
7) Chloroethane-d5	1.58	69	64048	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.13	63	364514	87.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	174.88%#
21) 2-Butanone-d5	3.91	46	130135	103.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.48%
24) Chloroform-d	4.38	84	184236	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	5.06	65	132201	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.08	84	342078	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
36) 1,2-Dichloropropane-d6	6.09	67	106913	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.18%
41) Toluene-d8	7.34	98	310231	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.64	79	55775	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.11	63	96828	112.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147505	50.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	135592	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	51386	19.013	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22690	9.661	ug/L	95
12) 1,1-Dichloroethene	2.14	96	413659	194.729	ug/L #	66
13) Acetone	2.19	43	4579	2.675	ug/L	81
16) Methylene chloride	2.52	84	2767	1.119	ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	16138	6.986	ug/L	96
19) 1,1-Dichloroethane	3.21	63	5714161	1345.228	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	572494	231.297	ug/L	99
27) 1,2-Dichloroethane	5.16	62	82251	19.627	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	45028	9.733	ug/L	99
33) Benzene	5.13	78	60660	6.821	ug/L	100
34) Trichloroethene	5.94	95	741090	280.690	ug/L	96
51) Chlorobenzene	8.90	112	41260	6.126	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	16147	3.133	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	50464	9.649	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	7300	2.145	ug/L	91

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

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