

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017556.D
 Acq On : 20 Jul 2020 19:42
 Operator : SY/MD
 Sample : L3336-16MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2MS

Quant Time: Jul 21 04:07:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254610	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75646	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.52%
7) Chloroethane-d5	1.58	69	56174	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.13	63	387685	112.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	224.48%#
21) 2-Butanone-d5	3.91	46	101600	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.38	84	157421	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	5.06	65	117213	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
32) Benzene-d6	5.08	84	270907	39.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.88%
36) 1,2-Dichloropropane-d6	6.09	67	80892	39.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.84%
41) Toluene-d8	7.34	98	329824	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%
43) trans-1,3-Dichloropropene-	7.64	79	60754	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.46%
47) 2-Hexanone-d5	8.11	63	108594	114.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166380	56.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	145635	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	47616	23.342	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22360	11.781	ug/L	95
12) 1,1-Dichloroethene	2.13	96	476960	280.812	ug/L #	73
13) Acetone	2.20	43	4344	3.451	ug/L	79
16) Methylene chloride	2.52	84	1948	1.023	ug/L	82
17) trans-1,2-Dichloroethene	2.78	96	12753	7.760	ug/L	92
19) 1,1-Dichloroethane	3.21	63	4521887	1472.968	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	450661	249.938	ug/L	96
27) 1,2-Dichloroethane	5.16	62	74636	25.249	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	38935	9.352	ug/L	99
33) Benzene	5.13	78	361520	44.931	ug/L	100
34) Trichloroethene	5.94	95	684315	308.575	ug/L	97
42) Toluene	7.41	91	458398	51.562	ug/L	99
51) Chlorobenzene	8.90	112	356829	57.020	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	17621	3.573	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	53797	10.473	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	8181	2.308	ug/L	97

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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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