

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV017533.D
 Acq On : 17 Jul 2020 19:00
 Operator : SY/MD
 Sample : L3336-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-7D

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 10:50:21 AM

Quant Time: Jul 18 06:40:09 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	332231	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78947	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.30%
7) Chloroethane-d5	1.58	69	65441m	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.72%
11) 1,1-Dichloroethene-d2	2.12	63	137269	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	3.91	46	103345	87.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.48%
24) Chloroform-d	4.38	84	156348	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.06	65	114781	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
32) Benzene-d6	5.07	84	275455	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.09	67	92710	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.34	98	278205	43.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.64	79	51347	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.11	63	91227	115.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129401	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	123913	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4307	1.696	ug/L	# 79
13) Acetone	2.19	43	3944	2.453	ug/L	90
18) Methyl tert-butyl Ether	2.79	73	17291	2.388	ug/L	95
19) 1,1-Dichloroethane	3.22	63	20161	5.053	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	5607	2.412	ug/L	97
27) 1,2-Dichloroethane	5.16	62	12717	3.230	ug/L	97
33) Benzene	5.13	78	7483	0.915	ug/L	100
34) Trichloroethene	5.94	95	2154	0.887	ug/L	87
42) Toluene	7.41	91	17484	1.913	ug/L	99
46) Tetrachloroethene	8.00	164	5763	2.827	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	5937m	1.332	ug/L	
68) 1,2,4-trichlorobenzene	13.29	180	34039	11.730	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	7441	2.521	ug/L	98

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

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