

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017554.D
 Acq On : 20 Jul 2020 18:56
 Operator : SY/MD
 Sample : L3336-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-7D

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 11:03:46 AM

Quant Time: Jul 21 03:46:41 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	274300	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78148	51.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.14%
7) Chloroethane-d5	1.58	69	54570	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.12	63	126041	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	3.90	46	99543	89.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.54%
24) Chloroform-d	4.38	84	156226m	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.06	65	117976	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.07	84	274841	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.09	67	81394	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.54%
41) Toluene-d8	7.34	98	253904	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.64	79	46757	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
47) 2-Hexanone-d5	8.11	63	82375	101.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119961	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	114735	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3809	1.733 ug/L #	37
13) Acetone	2.18	43	4873	3.593 ug/L	93
16) Methylene chloride	2.52	84	2655	1.294 ug/L	94
18) Methyl tert-butyl Ether	2.78	73	20772	3.257 ug/L #	86
19) 1,1-Dichloroethane	3.21	63	26894	8.132 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	4021	2.070 ug/L	71
27) 1,2-Dichloroethane	5.16	62	11994	3.766 ug/L	97

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

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