

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017552.D
 Acq On : 20 Jul 2020 18:09
 Operator : SY/MD
 Sample : L3336-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-3

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 11:03:41 AM

Quant Time: Jul 21 03:37:26 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	281491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146977	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78490	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.96%
7) Chloroethane-d5	1.58	69	57569	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.12	63	133714	35.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	3.90	46	104364	91.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.48%
24) Chloroform-d	4.38	84	162947	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	121740	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.07	84	286344	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.09	67	84523	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.34	98	280219	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%
43) trans-1,3-Dichloropropene-	7.64	79	51820	49.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.76%
47) 2-Hexanone-d5	8.11	63	79927	99.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	120934	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	137350	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	5791	2.568	ug/L #	72
13) Acetone	2.19	43	7521	5.404	ug/L	86
17) trans-1,2-Dichloroethene	2.78	96	3155	1.736	ug/L	88
19) 1,1-Dichloroethane	3.21	63	64911	19.125	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	30457	15.279	ug/L	93
27) 1,2-Dichloroethane	5.16	62	14255	4.362	ug/L #	95
33) Benzene	5.13	78	16346	2.414	ug/L	100
34) Trichloroethene	5.94	95	3216m	1.723	ug/L	
51) Chlorobenzene	8.90	112	19184	3.642	ug/L	94
62) 1,3-Dichlorobenzene	11.21	146	2666	0.580	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	7818	1.633	ug/L	94

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

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