

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017869.D
 Acq On : 08 Aug 2020 21:19
 Operator : SY/MD
 Sample : L3608-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L51

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 1:35:29 PM

Quant Time: Aug 10 06:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223683	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215077	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34743	30.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.16%
7) Chloroethane-d5	1.58	69	37260	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.94%
11) 1,1-Dichloroethene-d2	2.12	63	76100	27.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.84%#
21) 2-Butanone-d5	3.91	46	77689	107.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.37	84	141386	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.06	65	106962	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
32) Benzene-d6	5.07	84	231901	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.09	67	62740	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.34	98	225745	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.64	79	31339	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
47) 2-Hexanone-d5	8.11	63	55547	121.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97667	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	109851	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	16271	12.450	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	1976m	1.469	ug/L	
20) cis-1,2-Dichloroethene	3.94	96	113744	78.300	ug/L	97

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

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