

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007156.D
 Acq On : 23 Aug 2018 22:13
 Operator : SY/MD
 Sample : J4622-13
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
ClientSampled :
 ETBK5

Manual Integrations
APPROVED
 sam
 8/24/2018 3:00:38 PM

Quant Time: Aug 24 02:53:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	539158	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	512482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	188346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141214	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.57	69	124575m	57.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.34%
11) 1,1-Dichloroethene-d2	2.13	63	206406	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.95	46	282392	97.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.41	84	345052	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	218420	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
32) Benzene-d6	5.10	84	669209	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.12	67	232558	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.37	98	518465	41.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.74%
43) trans-1,3-Dichloropropene-	7.67	79	86334	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.60%
47) 2-Hexanone-d5	8.14	63	117751	70.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	308681	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	189774	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	7235	1.41	ug/L	# 74
20) cis-1,2-Dichloroethene	3.96	96	20827	4.60	ug/L	90
34) Trichloroethene	5.96	95	16823	4.04	ug/L	93

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

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