

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008684.D
 Acq On : 20 Nov 2018 19:26
 Operator : SY/MD
 Sample : J5997-04MS 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3MS

Manual Integrations
 APPROVED

apatel
 11/21/2018 11:56:31 AM

Quant Time: Nov 21 08:23:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	296077	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86139	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.48%
7) Chloroethane-d5	1.57	69	41806	36.64	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.28%
11) 1,1-Dichloroethene-d2	2.13	63	158682	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	3.94	46	152726	89.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.71%
24) Chloroform-d	4.41	84	179570	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
26) 1,2-Dichloroethane-d4	5.09	65	123847	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.10	84	388434	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.12	67	124101	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.37	98	349733	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
43) trans-1,3-Dichloropropene-	7.67	79	47098	39.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.38%
47) 2-Hexanone-d5	8.14	63	103714	86.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146105	40.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	120417	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.14	96	75502	50.23	ug/L	83
20) cis-1,2-Dichloroethene	3.97	96	7847	3.29	ug/L	87
29) Cyclohexane	4.73	56	8573	2.32	ug/L	# 100
33) Benzene	5.15	78	443960	50.62	ug/L	100
34) Trichloroethene	5.96	95	111252	47.86	ug/L	89
35) Methylcyclohexane	6.18	83	56571	14.74	ug/L	94
42) Toluene	7.44	91	20073850m	2200.74	ug/L	
51) Chlorobenzene	8.93	112	289164	49.83	ug/L	95
52) Ethylbenzene	9.06	91	660788	66.03	ug/L	99
53) m,p-Xylene	9.18	106	781764	212.58	ug/L	91
54) o-xylene	9.59	106	242575	66.33	ug/L	94
56) Isopropylbenzene	9.98	105	18093	1.88	ug/L	98

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

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