

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018822.D
 Acq On : 09 Oct 2020 16:23
 Operator : SY/MD
 Sample : L4239-12RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P8RE

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 3:38:12 PM

Quant Time: Oct 10 02:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225155	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106096	51.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.72%
7) Chloroethane-d5	1.58	69	92756	56.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.66%
11) 1,1-Dichloroethene-d2	2.12	63	168603	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
21) 2-Butanone-d5	3.90	46	245768	195.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	195.65%#
24) Chloroform-d	4.37	84	218594	60.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.12%
26) 1,2-Dichloroethane-d4	5.05	65	156524	63.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.94%#
32) Benzene-d6	5.07	84	426452	59.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.54%
36) 1,2-Dichloropropane-d6	6.09	67	135350	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.40%
41) Toluene-d8	7.34	98	373390	58.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.94%
43) trans-1,3-Dichloropropene-	7.64	79	67040	58.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.92%
47) 2-Hexanone-d5	8.11	63	124389	151.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	151.29%#
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138477	51.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	158530	62.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.52%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.70	56	2431m	0.898	ug/L	
30) 1,1,1-Trichloroethane	4.64	97	2389	0.802	ug/L	# 86
42) Toluene	7.41	91	39639	5.441	ug/L	100
52) Ethylbenzene	9.04	91	10561	1.277	ug/L	94
53) m,p-Xylene	9.16	106	9986	3.288	ug/L	93
54) o-xylene	9.57	106	5385	1.867	ug/L	95
56) Isopropylbenzene	9.96	105	8608	1.079	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	3779	1.667	ug/L	99

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

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