

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018794.D
 Acq On : 09 Oct 2020 04:59
 Operator : SY/MD
 Sample : L4239-09 80X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P2

Quant Time: Oct 09 08:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163404	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132370	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.50%
7) Chloroethane-d5	1.58	69	113166	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.12	63	202644	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.90	46	197016	106.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.05%
24) Chloroform-d	4.37	84	241522	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.05	65	174789	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.07	84	500845	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
36) 1,2-Dichloropropane-d6	6.09	67	156647	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.34	98	416249	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.64	79	70938	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.11	63	107004	97.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	165764	45.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	180897	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.94	96	105396	40.997	ug/L	99
29) Cyclohexane	4.70	56	25774	7.115	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	139850	35.080	ug/L	99
42) Toluene	7.41	91	2226705	228.448	ug/L	98
46) Tetrachloroethene	8.00	164	1548	0.773	ug/L	88
52) Ethylbenzene	9.03	91	62385	5.636	ug/L	97
53) m,p-Xylene	9.16	106	87796	21.609	ug/L	98
54) o-xylene	9.56	106	47570	12.327	ug/L	99
56) Isopropylbenzene	9.96	105	23983	2.246	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	14294	4.405	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	5450	1.692	ug/L	99

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

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