

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018791.D
 Acq On : 09 Oct 2020 03:48
 Operator : SY/MD
 Sample : L4239-19DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W1DL

Quant Time: Oct 09 08:36:26 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	309927	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132721	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.58	69	109165	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.12	63	199626	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	3.90	46	189116	109.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.37%
24) Chloroform-d	4.37	84	234518	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.05	65	165118	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
32) Benzene-d6	5.07	84	467298	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.09	67	159113	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.62%
41) Toluene-d8	7.34	98	408532	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.64	79	69880	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.11	63	105220	92.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154756	41.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	177465	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.22	63	4442	1.000	ug/L #	81
20) cis-1,2-Dichloroethene	3.94	96	30637	12.803	ug/L	98
29) Cyclohexane	4.70	56	5096	1.355	ug/L #	61
30) 1,1,1-Trichloroethane	4.64	97	56309	13.601	ug/L	99
42) Toluene	7.41	91	561703	55.492	ug/L	97
46) Tetrachloroethene	8.00	164	1510	0.726	ug/L	83
52) Ethylbenzene	9.04	91	19558	1.701	ug/L	97
53) m,p-Xylene	9.16	106	23265	5.514	ug/L	100
54) o-xylene	9.57	106	12515	3.123	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	3819	0.700	ug/L	94

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

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