

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018796.D
 Acq On : 09 Oct 2020 05:46
 Operator : SY/MD
 Sample : L4239-13 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q4

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 3:37:55 PM

Quant Time: Oct 09 09:01:05 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	352818	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134018	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	110969	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	202067	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	3.90	46	197702	100.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	4.37	84	242573	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.05	65	174073	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.07	84	514274	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.09	67	161908	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.24%
41) Toluene-d8	7.34	98	415612	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%
43) trans-1,3-Dichloropropene-	7.64	79	70953	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.11	63	110502	97.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.59%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168162	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	190085	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	9574	5.836	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	5216m	1.915	ug/L	
29) Cyclohexane	4.70	56	136077	36.499	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	70798	17.255	ug/L	99
42) Toluene	7.41	91	1529534	152.465	ug/L	98
46) Tetrachloroethene	8.00	164	1554	0.754	ug/L	83
51) Chlorobenzene	8.90	112	10343	1.553	ug/L	99
52) Ethylbenzene	9.03	91	142079	12.472	ug/L	99
53) m,p-Xylene	9.16	106	181717	43.455	ug/L	99
54) o-xylene	9.56	106	75995	19.134	ug/L	98
56) Isopropylbenzene	9.95	105	79137	7.201	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	8283	1.521	ug/L	93
63) 1,4-Dichlorobenzene	11.29	146	12020	2.122	ug/L	92
65) 1,2-Dichlorobenzene	11.67	146	17559	3.211	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	72093	21.733	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	32282	9.803	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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