

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018812.D
 Acq On : 09 Oct 2020 12:28
 Operator : SY/MD
 Sample : L4239-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P7

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 3:38:03 PM

Quant Time: Oct 10 00:54:38 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	312760	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123300	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.58	69	105816	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.12	63	189481	34.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.16%
21) 2-Butanone-d5	3.90	46	201148	115.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.28%
24) Chloroform-d	4.37	84	235210	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
26) 1,2-Dichloroethane-d4	5.05	65	167692	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.07	84	463588	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.09	67	154933	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.34	98	417198	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%
43) trans-1,3-Dichloropropene-	7.64	79	75210	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.11	63	138692	128.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211661	59.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	194762	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	6787	4.667	ug/L	98
19) 1,1-Dichloroethane	3.22	63	3184m	0.710	ug/L	
20) cis-1,2-Dichloroethene	3.94	96	22765	9.427	ug/L	94
29) Cyclohexane	4.70	56	155559	43.929	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	171796	44.082	ug/L	99
34) Trichloroethene	5.94	95	20795	7.788	ug/L	99
35) Methylcyclohexane	6.15	83	7491	2.293	ug/L	91
42) Toluene	7.41	91	2793729	293.192	ug/L	98
46) Tetrachloroethene	8.00	164	10554	5.394	ug/L	97
51) Chlorobenzene	8.90	112	5708	0.903	ug/L	97
52) Ethylbenzene	9.03	91	537761	49.698	ug/L	100
53) m,p-Xylene	9.16	106	764396	192.449	ug/L	99
54) o-xylene	9.56	106	340385	90.230	ug/L	99
56) Isopropylbenzene	9.95	105	993303	95.162	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	12421	2.115	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	14741	2.413	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	38004	6.447	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.28	180	602542	168.482	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	174361	49.114	ug/L	97

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

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