

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\  
 Data File : VV012169.D  
 Acq On : 09 Aug 2019 23:38  
 Operator : SY/MD  
 Sample : K4248-06  
 Misc : 5mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 F2B13

Quant Time: Aug 12 04:21:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM081019WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 05:07:53 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	269407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243767	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	109814	50.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49926	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.74%
7) Chloroethane-d5	1.58	69	31810	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.13	63	64534	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.93	46	30881	63.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.02%
24) Chloroform-d	4.40	84	91514	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.08	65	61239	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.10	84	198289	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
36) 1,2-Dichloropropane-d6	6.12	67	51850	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.86%
41) Toluene-d8	7.36	98	177835	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	25401	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.13	63	38557	98.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.03%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69155	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.67	152	67175	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	354521	238.012	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	11577	7.260	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	183825	101.468	ug/L	96
25) Chloroform	4.42	83	6516	2.069	ug/L	95
34) Trichloroethene	5.96	95	4019	2.390	ug/L	92
46) Tetrachloroethene	8.02	164	3375	2.099	ug/L	95

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

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