

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012344.D
 Acq On : 22 Aug 2019 13:51
 Operator : SY/MD
 Sample : K4454-12DL 5X
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2C08DL

Quant Time: Aug 23 07:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	191009	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	183109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39631	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.64%
7) Chloroethane-d5	1.58	69	31029	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.72%
11) 1,1-Dichloroethene-d2	2.13	63	64049	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.92	46	56256	79.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.81%
24) Chloroform-d	4.40	84	121204	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.08	65	96404	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
32) Benzene-d6	5.10	84	236469	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
36) 1,2-Dichloropropane-d6	6.12	67	63473	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.14%
41) Toluene-d8	7.36	98	227011	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.66	79	36259	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.13	63	43813	80.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.39%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88094	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	97036	52.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	6770	7.339	ug/L #	80
17) trans-1,2-Dichloroethene	2.79	96	3468	2.983	ug/L	89
18) Methyl tert-butyl Ether	2.80	73	33034	8.576	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	60422	46.701	ug/L	97
34) Trichloroethene	5.96	95	34560	25.565	ug/L	97

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

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