

Data File : VU031922.D
Acq On : 11 May 2019 11:41
Operator : JC/SP
Sample : K2705-15DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 03:54:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1021554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1028266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	379710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	340767	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.67	69	312526m	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	490250	28.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.58%#
21) 2-Butanone-d5	4.17	46	679811	87.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	4.64	84	679222	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.30	65	450140	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
32) Benzene-d6	5.34	84	1361152	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
36) 1,2-Dichloropropane-d6	6.32	67	477444	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	1133607	41.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.44%
43) trans-1,3-Dichloropropene-	7.85	79	190898	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.31	63	436732	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	694141	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	397774	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	17606	1.386 ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	3841	0.462 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	477645	53.616 ug/L	94
34) Trichloroethene	6.18	95	283244	30.908 ug/L	96
46) Tetrachloroethene	8.22	164	31932	5.111 ug/L	88

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

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