

Data File : VU032006.D  
 Acq On : 14 May 2019 19:47  
 Operator : JC/SP  
 Sample : K2738-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 15 05:39:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM051419WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 15 04:26:34 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1152772	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1167957	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	481060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	409859	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.67	69	351806	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.90%
11) 1,1-Dichloroethene-d2	2.27	63	582357	32.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.24%
21) 2-Butanone-d5	4.17	46	665429	93.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.64	84	731003	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
26) 1,2-Dichloroethane-d4	5.30	65	476250	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.34	84	1565008	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.32	67	514073	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.56	98	1385694	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	215668	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.31	63	465821	102.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	707480	42.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	477543	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	60181	4.847	ug/L #	45
13) Acetone	2.32	43	30141	4.139	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	369464	41.716	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	277951	28.372	ug/L	98
34) Trichloroethene	6.18	95	12909536	1362.555	ug/L	99
46) Tetrachloroethene	8.22	164	22741669m	3399.740	ug/L	

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

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