

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035434.D
 Acq On : 24 Oct 2019 03:55
 Operator : JC/SP
 Sample : K5488-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G08

Quant Time: Oct 24 08:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 07:51:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	55601	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.93	69	56736	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.59	63	78704	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.71	46	253908	67.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.64%#
24) Chloroform-d	5.11	84	128115	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.75	65	74251	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.77	84	230981	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.74	67	85837	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	188255	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.21	79	29576	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.69	63	164382	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	81800	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	60383	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	321731	17.367	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	127888	3.462	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	178669	12.061	ug/L	93
19) 1,1-Dichloroethane	3.92	63	18706	0.698	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	3913750	239.027	ug/L	96
33) Benzene	5.82	78	20615	0.323	ug/L	100
34) Trichloroethene	6.58	95	410447	23.956	ug/L	97
47) Tetrachloroethene	8.58	164	2555	0.179	ug/L	90

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

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