

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035437.D
 Acq On : 24 Oct 2019 05:09
 Operator : JC/SP
 Sample : K5488-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G28

Quant Time: Nov 06 03:59:29 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	209139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	213309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49642	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	50976	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	67671	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.71	46	214010	58.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.80%
24) Chloroform-d	5.11	84	112665	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.75	65	68332	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.77	84	207022	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.74	67	76924	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	165416	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.80%
43) trans-1,3-Dichloropropene-	8.22	79	25164	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.68	63	145051	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73774	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	59916	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	264727	14.599	ug/L 100
8) Chloroethane	1.95	64	3484	0.298	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	61502	1.701	ug/L # 89
18) trans-1,2-Dichloroethene	3.39	96	307522	21.208	ug/L 93
19) 1,1-Dichloroethane	3.92	63	67789	2.585	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	20941	1.307	ug/L 99
30) Cyclohexane	5.43	56	3980	0.149	ug/L 94
33) Benzene	5.82	78	52641	0.839	ug/L 100

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

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