

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032131.D
 Acq On : 18 May 2019 04:36
 Operator : JC/SP
 Sample : K2860-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W33

Quant Time: May 18 06:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 05:45:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	364533	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109212	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.68	69	96235	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.27	63	158206	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.20	46	228767	37.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.90%
24) Chloroform-d	4.64	84	220229	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.31	65	108106	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	448428	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.32	67	131017	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	368282	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.85	79	41079	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	8.31	63	197067	37.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108634	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	138506	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	13679	0.744	ug/L #	73
12) 1,1-Dichloroethene	2.28	96	8345	0.570	ug/L #	1
13) Acetone	2.33	43	101862	51.469	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	14026	0.408	ug/L #	80
18) trans-1,2-Dichloroethene	2.97	96	32207	2.055	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	204934	13.294	ug/L	88
30) Cyclohexane	4.98	56	3696	0.188	ug/L #	76
33) Benzene	5.38	78	17447	0.310	ug/L	100
34) Trichloroethene	6.18	95	376952	24.658	ug/L	93
47) Tetrachloroethene	8.22	164	7483	0.655	ug/L	91

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

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