

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031870.D
 Acq On : 09 May 2019 12:30
 Operator : JC/SP
 Sample : K2739-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB846

Quant Time: May 10 04:40:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 10 03:36:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	396002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	409695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116855	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.68	69	103173	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	276896	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.20	46	516256	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.64	84	264957	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	144088	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.33	84	467920	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.33	67	174456	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.56	98	354117	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.85	79	54666	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.31	63	351696	51.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148104	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	142987	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	91753	2.013	ug/L	99
3) Chloromethane	1.32	50	332421	6.118	ug/L	99
5) Vinyl chloride	1.40	62	233638	4.919	ug/L	100
6) Bromomethane	1.63	94	118638	5.442	ug/L	100
8) Chloroethane	1.70	64	122477	4.683	ug/L	99
9) Trichlorofluoromethane	1.88	101	493143	8.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	132792	4.645	ug/L	96
12) 1,1-Dichloroethene	2.28	96	170169	6.322	ug/L	85
16) Methylene chloride	2.70	84	119038	3.187	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	443844	5.535	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	206182	7.107	ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	227145	6.519	ug/L	91
23) Bromochloromethane	4.54	128	32605	2.332	ug/L	81
25) Chloroform	4.67	83	309125	4.402	ug/L	98
27) 1,2-Dichloroethane	5.40	62	218408	4.712	ug/L #	94
29) 1,1,1-Trichloroethane	4.91	97	275961	4.915	ug/L	98
31) Carbon tetrachloride	5.13	117	233172	4.877	ug/L	99

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34) Trichloroethene	6.18	95	295948	8.217	ug/L	95
37) 1,2-Dichloropropane	6.43	63	200181	4.896	ug/L	99
38) Bromodichloromethane	6.76	83	97517	2.003	ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	88209	1.722	ug/L	98
42) Toluene	7.63	91	415550	2.946	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	212023	8.753	ug/L	98
47) Tetrachloroethene	8.22	164	123587	5.277	ug/L	96
49) Dibromochloromethane	8.47	129	166317	5.904	ug/L	99
52) Ethylbenzene	9.24	91	1586484	10.782	ug/L	99
54) o-Xylene	9.77	106	153424	3.063	ug/L	96
55) Styrene	9.79	104	269479	3.135	ug/L	95
56) Isopropylbenzene	10.16	105	1036953	7.733	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	163106	5.042	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	129667	2.126	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	124186	2.087	ug/L	97

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

