

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032845.D
 Acq On : 19 Jun 2019 09:55
 Operator : JC/SP
 Sample : K3413-26
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALH2

Quant Time: Jun 20 05:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	104128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	101312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27273	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.68	69	24228	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.27	63	66547	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.18	46	101886	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	4.64	84	64504	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.30	65	36136	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.33	84	118323	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.32	67	38493	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	106623	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	16214	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.31	63	76953	46.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34718	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	47159	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	18820	2.106	ug/L	99
3) Chloromethane	1.32	50	56920	6.143	ug/L	99
5) Vinyl chloride	1.40	62	42006	4.612	ug/L	99
6) Bromomethane	1.62	94	26433	4.758	ug/L	99
8) Chloroethane	1.69	64	24267	4.170	ug/L	99
9) Trichlorofluoromethane	1.88	101	117915	9.046	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	30939	4.464	ug/L	96
12) 1,1-Dichloroethene	2.28	96	36620	5.535	ug/L	94
16) Methylene chloride	2.69	84	24072	3.281	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	98609	5.096	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	44980	6.301	ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	50554	6.258	ug/L	88
23) Bromochloromethane	4.54	128	7896	2.271	ug/L	97
25) Chloroform	4.67	83	65426	5.013	ug/L	95
27) 1,2-Dichloroethane	5.40	62	49140	5.728	ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	64676	5.239	ug/L	97
31) Carbon tetrachloride	5.12	117	57026	5.080	ug/L	99

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34) Trichloroethene	6.18	95	66444	7.733	ug/L	98
37) 1,2-Dichloropropane	6.43	63	39523	5.114	ug/L	100
38) Bromodichloromethane	6.75	83	20435	2.057	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	20721	1.746	ug/L	98
42) Toluene	7.63	91	96700	2.905	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	47296	8.411	ug/L	97
47) Tetrachloroethene	8.22	164	34355	5.081	ug/L	97
49) Dibromochloromethane	8.47	129	40749	5.666	ug/L	99
52) Ethylbenzene	9.24	91	368404	10.041	ug/L	99
54) o-Xylene	9.77	106	39243	2.827	ug/L	94
55) Styrene	9.79	104	68430	2.996	ug/L	98
56) Isopropylbenzene	10.16	105	255373	6.974	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	35703	4.965	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	36277	2.004	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	35404	2.024	ug/L	97

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

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