

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111519\
 Data File : VU035714.D
 Acq On : 15 Nov 2019 10:07
 Operator : JC/SP
 Sample : K5856-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQH5

Quant Time: Nov 18 08:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238265	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100156	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	89515	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	171220	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.71	46	250599	46.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.56%
24) Chloroform-d	5.11	84	175196	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.75	65	92515	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.77	84	371494	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	117318	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.93	98	324357	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	45209	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.68	63	191383	46.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99706	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	130847	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	115969	3.922	ug/L	96
6) Bromomethane	1.87	94	67493	3.908	ug/L	97
9) Trichlorofluoromethane	2.16	101	289246	7.826	ug/L	100
12) 1,1-Dichloroethene	2.61	96	80381	3.837	ug/L	90
13) Acetone	2.68	43	235522	60.329	ug/L	100
14) Carbon disulfide	2.82	76	387919	5.710	ug/L	99
16) Methylene chloride	3.08	84	61567	2.479	ug/L	99
17) Methyl tert-butyl Ether	3.42	73	446200	9.087	ug/L	99
19) 1,1-Dichloroethane	3.92	63	380122	9.489	ug/L	100
21) 2-Butanone	4.78	43	594720	102.594	ug/L	99
27) 1,2-Dichloroethane	5.84	62	184748	7.620	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	313311	9.289	ug/L	99
30) Cyclohexane	5.43	56	410998	12.188	ug/L	99
34) Trichloroethene	6.58	95	128664	5.576	ug/L	98
35) Methylcyclohexane	6.80	83	238219	6.776	ug/L	98
37) 1,2-Dichloropropane	6.83	63	54857	2.309	ug/L	100
42) Toluene	8.00	91	871962	9.191	ug/L	99

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47) Tetrachloroethene	8.58	164	184674	9.183	ug/L	99
48) 2-Hexanone	8.73	43	474090	48.829	ug/L	94
50) 1,2-Dibromoethane	8.96	107	270281	16.743	ug/L	99
51) Chlorobenzene	9.48	112	709790	11.394	ug/L	99
52) Ethylbenzene	9.60	91	690920	6.920	ug/L	100
53) m,p-Xylene	9.73	106	566586	14.987	ug/L	97
54) o-Xylene	10.13	106	218332	5.976	ug/L	99
55) Styrene	10.14	104	357066	5.911	ug/L	98
56) Isopropylbenzene	10.51	105	341054	3.537	ug/L	100
61) Bromoform	10.32	173	70014	5.734	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	200228	4.604	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	563371	13.291	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	11190	4.149	ug/L	92
70) 1,2,3-Trichlorobenzene	14.35	180	174831	10.308	ug/L	98

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

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