

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035953.D
 Acq On : 03 Dec 2019 17:32
 Operator : JC/SP
 Sample : K6056-04DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE11DL

Quant Time: Dec 04 04:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	332202	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	344039	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	114256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172078	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	139910	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	205493	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.70	46	320662	47.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	5.11	84	238676	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.75	65	128038	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.77	84	481284	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.73	67	156051	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	398098	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.22	79	58484	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.68	63	230144	43.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	124355	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	118462	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	3550	0.090	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4498	0.176	ug/L #	65
12) 1,1-Dichloroethene	2.61	96	32340	1.358	ug/L #	31
13) Acetone	2.68	43	13675	2.256	ug/L	87
14) Carbon disulfide	2.82	76	7229	0.087	ug/L	96
16) Methylene chloride	3.08	84	19357	0.525	ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	2255	0.089	ug/L	94
19) 1,1-Dichloroethane	3.92	63	21100	0.428	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	47784	1.794	ug/L	95
29) 1,1,1-Trichloroethane	5.36	97	10093	0.243	ug/L	91
30) Cyclohexane	5.43	56	3219	0.078	ug/L	90
33) Benzene	5.82	78	10106	0.093	ug/L	100
34) Trichloroethene	6.58	95	119246	4.358	ug/L	96
38) Bromodichloromethane	7.15	83	2372	0.068	ug/L	86
42) Toluene	8.00	91	9665	0.086	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	2011	0.101	ug/L #	84
47) Tetrachloroethene	8.58	164	32823	1.476	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.47	112	6522	0.092	ug/L	95
52) Ethylbenzene	9.60	91	8392	0.073	ug/L	88
55) Styrene	10.14	104	4161	0.061	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	3083	0.081	ug/L	89
63) 1,4-Dichlorobenzene	11.86	146	3815	0.101	ug/L	83
65) 1,2-Dichlorobenzene	12.24	146	3752	0.103	ug/L	92

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

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