

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110419\
 Data File : VU035610.D
 Acq On : 04 Nov 2019 16:07
 Operator : JC/SP
 Sample : K5656-09DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5457DL

Quant Time: Nov 05 10:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 02:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	236424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110164	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	95415	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.59	63	145083	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.71	46	259972	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	5.12	84	177491	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	96767	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	385379	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.74	67	123471	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.93	98	350128	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.22	79	47067	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.68	63	195697	46.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105049	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	116308	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.88	94	8520	0.497	ug/L	93
12) 1,1-Dichloroethene	2.61	96	10046	0.483	ug/L	# 1
14) Carbon disulfide	2.82	76	115170	1.708	ug/L	100
15) Methyl Acetate	3.00	43	92854	10.318	ug/L	98
16) Methylene chloride	3.08	84	33098	1.343	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	132467	2.719	ug/L	99
21) 2-Butanone	4.79	43	43890	7.630	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	38132	1.613	ug/L	96
27) 1,2-Dichloroethane	5.84	62	32529	1.352	ug/L	99
30) Cyclohexane	5.43	56	91825	2.660	ug/L	97
33) Benzene	5.82	78	120577	1.306	ug/L	100
34) Trichloroethene	6.58	95	20266	0.858	ug/L	97
35) Methylcyclohexane	6.80	83	174342	4.845	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	84345	6.031	ug/L	97
42) Toluene	8.01	91	383838	3.952	ug/L	99
47) Tetrachloroethene	8.58	164	23053	1.120	ug/L	96
48) 2-Hexanone	8.74	43	67078	6.749	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.96	107	7581	0.459	ug/L #	90
52) Ethylbenzene	9.60	91	229764	2.248	ug/L	99
53) m,p-Xylene	9.73	106	73736	1.905	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	59797	1.530	ug/L	98

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

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