

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034856.D
 Acq On : 26 Sep 2019 20:51
 Operator : JC/SP
 Sample : K5044-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK36

Quant Time: Sep 27 06:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 27 05:10:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	91788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	84966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	40291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33257	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.67	69	27386	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.26	63	49855	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.17	46	86294	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.62	84	48499	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.29	65	27199	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.32	84	103596	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.31	67	34075	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.54	98	93997	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.83	79	12583	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.30	63	62448	45.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	25599	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	32194	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	6390	0.975 ug/L	89
5) Vinyl chloride	1.40	62	7859	1.145 ug/L	96
12) 1,1-Dichloroethene	2.27	96	2734	0.604 ug/L #	1
18) trans-1,2-Dichloroethene	2.96	96	2911	0.619 ug/L	87
22) cis-1,2-Dichloroethene	4.20	96	281717	44.769 ug/L	99
33) Benzene	5.36	78	5737	0.250 ug/L	100
34) Trichloroethene	6.17	95	3940602	688.115 ug/L	98
42) Toluene	7.61	91	83396	3.359 ug/L	99
47) Tetrachloroethene	8.21	164	9872	2.844 ug/L	86
51) Chlorobenzene	9.10	112	17231	1.107 ug/L	92
63) 1,4-Dichlorobenzene	11.48	146	2939	0.249 ug/L	95

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

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