

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032358.D
 Acq On : 29 May 2019 14:05
 Operator : JC/SP
 Sample : K3045-11 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C55

Quant Time: May 30 08:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	396390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	137050	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.68	69	118236	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.27	63	201046	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.19	46	337721	50.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.48%
24) Chloroform-d	4.64	84	254922	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.31	65	131724	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.33	84	557237	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.33	67	159861	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.56	98	505219	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	60080	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.31	63	271947	51.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130816	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	202590	3.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	4.98	56	27700	1.440	ug/L #	78
33) Benzene	5.38	78	273275	5.096	ug/L	100
35) Methylcyclohexane	6.41	83	17530	0.827	ug/L #	79
42) Toluene	7.64	91	8483	0.149	ug/L	100
52) Ethylbenzene	9.24	91	250868	4.374	ug/L	98
53) m,p-Xylene	9.37	106	176161	8.260	ug/L	93
54) o-Xylene	9.78	106	3409	0.160	ug/L	87
56) Isopropylbenzene	10.16	105	69799	1.296	ug/L	99

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

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