

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032357.D
 Acq On : 29 May 2019 13:41
 Operator : JC/SP
 Sample : K3045-08 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C52

Quant Time: May 30 08:28:19 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	426267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142475	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.68	69	118923	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.27	63	198055	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	340412	50.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	4.64	84	257785	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	130726	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.33	84	554502	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.32	67	166793	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.56	98	503651	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	58506	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.31	63	267349	48.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134574	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	205036	3.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
30) Cyclohexane	4.99	56	18253	0.908	ug/L	93
33) Benzene	5.38	78	158156	2.821	ug/L	100
35) Methylcyclohexane	6.41	83	10741	0.485	ug/L #	65
42) Toluene	7.64	91	9499	0.159	ug/L	98
52) Ethylbenzene	9.24	91	2720049	45.359	ug/L	98
53) m,p-Xylene	9.37	106	256604	11.507	ug/L	97
56) Isopropylbenzene	10.16	105	254861	4.524	ug/L	100

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

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