

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032356.D
 Acq On : 29 May 2019 13:16
 Operator : JC/SP
 Sample : K3045-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C54

Quant Time: May 30 08:25:19 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	417309	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	413446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134046	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.68	69	115871	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.27	63	195063	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.19	46	326227	49.35	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.64	84	253979	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	120064	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	5.33	84	533079	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	160103	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	533770	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	58590	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.31	63	272410	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126924	3.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	200135	3.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.44	63	5497	0.223	ug/L #	92
27) 1,2-Dichloroethane	5.40	62	31859	2.059	ug/L #	92
30) Cyclohexane	4.98	56	144461	7.201	ug/L	92
33) Benzene	5.38	78	1773577	31.712	ug/L	100
42) Toluene	7.64	91	18936	0.319	ug/L	92
52) Ethylbenzene	9.25	91	29423	0.492	ug/L	100
53) m,p-Xylene	9.37	106	10469	0.471	ug/L	93
54) o-Xylene	9.78	106	5008	0.225	ug/L	85
56) Isopropylbenzene	10.16	105	732470	13.035	ug/L	99

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

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