

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032496.D
 Acq On : 06 Jun 2019 14:53
 Operator : JC/SP
 Sample : K3224-01DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C57DL

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 10:17:59 AM

Quant Time: Jun 07 05:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	200789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43221	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.14%
7) Chloroethane-d5	1.68	69	40811	36.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.02%
11) 1,1-Dichloroethene-d2	2.27	63	70228	25.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.56%#
21) 2-Butanone-d5	4.17	46	106886	91.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	4.64	84	108241	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.30	65	74299	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
32) Benzene-d6	5.33	84	223075	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
36) 1,2-Dichloropropane-d6	6.32	67	73195	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.56	98	211902	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.85	79	35235	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
47) 2-Hexanone-d5	8.31	63	72569	91.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110423	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	94679	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	58610	10.389	ug/L	100
51) Chlorobenzene	9.11	112	167272	42.022	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	8212	2.576	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	73594	22.583	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	91928	28.526	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	11467	5.458	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	3676m	1.681	ug/L	

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

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