

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030456.D
 Acq On : 26 Mar 2019 20:16
 Operator : JC/SP
 Sample : K2022-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09F3

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:56:05 AM

Quant Time: Mar 27 07:32:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448747	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421289	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167679	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.67	69	139546	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.50%
11) 1,1-Dichloroethene-d2	2.27	63	240301	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.17	46	355185	104.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.64	84	299386	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
26) 1,2-Dichloroethane-d4	5.31	65	205298	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
32) Benzene-d6	5.34	84	597427	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
36) 1,2-Dichloropropane-d6	6.33	67	216351	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	517878	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
43) trans-1,3-Dichloropropene-	7.85	79	92772	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.31	63	230066	102.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297065	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	180409	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
51) Chlorobenzene	9.12	112	158508	17.572	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	9413	1.680	ug/L	86
63) 1,4-Dichlorobenzene	11.50	146	40376	7.000	ug/L	92
65) 1,2-Dichlorobenzene	11.87	146	315586	55.708	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	29143	7.997	ug/L #	83
70) 1,2,3-Trichlorobenzene	14.00	180	5457m	1.418	ug/L	

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

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