

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030277.D
 Acq On : 21 Mar 2019 19:44
 Operator : JC/SP
 Sample : K2022-08DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C8DL

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 1:34:06 PM

Quant Time: Mar 22 13:27:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 05:14:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254481	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174450	49.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.18%
7) Chloroethane-d5	1.68	69	137908	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.27	63	228796	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	4.18	46	240950	91.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	4.65	84	293907	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.31	65	171612	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.34	84	645855	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.33	67	200220	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.56	98	580402	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	7.85	79	87326	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.84%
47) 2-Hexanone-d5	8.31	63	194738	87.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287099	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	244104m	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

Target Compounds

					Ovalue
51) Chlorobenzene	9.12	112	771856	70.811	ug/L 100
62) 1,3-Dichlorobenzene	11.41	146	105588	13.005	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	722863	85.833	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	1891269	227.994	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	510296	90.940	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	70289	12.005	ug/L 99

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

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