

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030498.D
 Acq On : 27 Mar 2019 21:05
 Operator : JC/SP
 Sample : K2022-15DL 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09D9DL

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 11:00:33 AM

Quant Time: Mar 28 04:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 02:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432782	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151025	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.72%
7) Chloroethane-d5	1.68	69	131005	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.90%
11) 1,1-Dichloroethene-d2	2.27	63	224498	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
21) 2-Butanone-d5	4.17	46	344686	105.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.27%
24) Chloroform-d	4.65	84	293793	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.31	65	201052	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.34	84	579694	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	6.33	67	208221	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.66%
41) Toluene-d8	7.56	98	498886	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.85	79	87875	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.31	63	212261	98.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287909	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	173855	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%

Target Compounds

					Ovalue
33) Benzene	5.39	78	179503	13.002	ug/L 100
51) Chlorobenzene	9.12	112	460527	53.034	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	10512	1.964	ug/L 96
63) 1,4-Dichlorobenzene	11.50	146	102155	18.538	ug/L 96
65) 1,2-Dichlorobenzene	11.87	146	135625	25.058	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	7690m	2.209	ug/L

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

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