

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031453.D
 Acq On : 23 Apr 2019 21:49
 Operator : JC/SP
 Sample : K2536-04DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X24DL

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:46:42 AM

Quant Time: Apr 24 09:00:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	713418	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	630845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221701	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.70%
7) Chloroethane-d5	1.68	69	186402	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.27	63	329311	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	4.19	46	454369	105.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.13%
24) Chloroform-d	4.64	84	423245	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.31	65	262180	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.34	84	849971	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	6.33	67	283524	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.70%
41) Toluene-d8	7.56	98	686299	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%
43) trans-1,3-Dichloropropene-	7.85	79	113112	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.31	63	311122	105.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	389013	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	266727	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	11288	1.482 ug/L	99
13) Acetone	2.35	43	9420m	2.776 ug/L	
34) Trichloroethene	6.18	95	335702	69.432 ug/L	97
46) Tetrachloroethene	8.22	164	9393	2.739 ug/L	95

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

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