

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031102.D
 Acq On : 12 Apr 2019 04:26
 Operator : JC/SP
 Sample : K2299-31
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB713

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:47 PM

Quant Time: Apr 12 08:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	524572	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166364	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.06%
7) Chloroethane-d5	1.68	69	140197	39.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.90%
11) 1,1-Dichloroethene-d2	2.27	63	240064	28.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.68%#
21) 2-Butanone-d5	4.17	46	338414	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.64	84	314490	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.30	65	217842	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.33	84	614999	40.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.36%
36) 1,2-Dichloropropane-d6	6.32	67	220576	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.10%
41) Toluene-d8	7.56	98	534275	39.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.76%#
43) trans-1,3-Dichloropropene-	7.85	79	90595	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.31	63	199109	83.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315968	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	207536	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	85226	14.772	ug/L 90
13) Acetone	2.32	43	49350	12.995	ug/L 97
17) trans-1,2-Dichloroethene	2.99	96	4639m	1.205	ug/L
20) cis-1,2-Dichloroethene	4.22	96	497444	117.013	ug/L 92
25) Chloroform	4.67	83	50158	6.281	ug/L 96
34) Trichloroethene	6.18	95	241193	57.318	ug/L 96
38) Bromodichloromethane	6.76	83	14600	2.491	ug/L 89
46) Tetrachloroethene	8.22	164	46629	15.242	ug/L 94
49) Dibromochloromethane	8.48	129	5435	1.243	ug/L 99

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

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