

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030374.D
 Acq On : 24 Mar 2019 16:37
 Operator : JC/SP
 Sample : K2016-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0985

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 12:35:57 PM

Quant Time: Mar 25 13:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	412481	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	410124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	211499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136381	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.68	69	115210	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.27	63	204280	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.88%
21) 2-Butanone-d5	4.17	46	280064	89.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.75%
24) Chloroform-d	4.65	84	296468	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
26) 1,2-Dichloroethane-d4	5.31	65	172845	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.34	84	537152	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.33	67	190181	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.56	98	471432	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.85	79	77830	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
47) 2-Hexanone-d5	8.31	63	190425	87.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254417	44.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.36%
64) 1,2-Dichlorobenzene-d4	11.87	152	202927	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

					Ovalue
13) Acetone	2.32	43	17640	5.590	ug/L 99
25) Chloroform	4.67	83	962355	159.343	ug/L 98
31) Carbon tetrachloride	5.13	117	45431	10.673	ug/L 96
33) Benzene	5.38	78	27460703m	1966.952	ug/L
34) Trichloroethene	6.19	95	3731	1.087	ug/L 91
38) Bromodichloromethane	6.76	83	7050	1.498	ug/L 99
51) Chlorobenzene	9.12	112	20784699m	2366.912	ug/L
62) 1,3-Dichlorobenzene	11.42	146	5229310	756.053	ug/L 99
63) 1,4-Dichlorobenzene	11.51	146	18686831m	2624.390	ug/L
65) 1,2-Dichlorobenzene	11.88	146	21157319m	3025.168	ug/L
68) 1,2,4-trichlorobenzene	13.50	180	3594091	798.869	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	1559837	328.338	ug/L 100

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

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