

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032037.D
 Acq On : 15 May 2019 17:20
 Operator : JC/SP
 Sample : K2738-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB895

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 9:35:34 AM

Quant Time: May 16 07:00:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1076029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1048174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	369487	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.26%
7) Chloroethane-d5	1.67	69	294992	38.59	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.27	63	602444	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	4.17	46	588435	89.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	4.64	84	643104	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.38%
26) 1,2-Dichloroethane-d4	5.31	65	421060	42.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.60%
32) Benzene-d6	5.34	84	1384744	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.32	67	461431	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.18%
41) Toluene-d8	7.56	98	1192158	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	7.85	79	182813	41.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.78%
47) 2-Hexanone-d5	8.31	63	371783	91.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	633826	42.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	406228	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	2515526	217.048 ug/L	98
12) 1,1-Dichloroethene	2.28	96	195503m	24.601 ug/L	
13) Acetone	2.32	43	20413	3.003 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	3032198	366.779 ug/L	98
19) 1,1-Dichloroethane	3.44	63	26534	1.634 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	3559519	389.260 ug/L	99
34) Trichloroethene	6.18	95	1519614	178.719 ug/L	100
46) Tetrachloroethene	8.22	164	9867	1.644 ug/L	89

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

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