

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026322.D
 Acq On : 24 Aug 2018 00:28
 Operator : MD/SY
 Sample : J4622-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBK0

Manual Integrations
 APPROVED

sam
 8/24/2018 2:44:15 PM

Quant Time: Aug 24 10:24:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.90	114	332763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	339999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93267	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.90%
7) Chloroethane-d5	1.68	69	72697	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	2.28	63	183617	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	4.20	46	157510	97.24	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.65	84	201691	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.31	65	131070	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.35	84	404042	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.37	67	142169	48.68	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.57	98	393103	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	67996	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.31	63	113710	91.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186769	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	164457	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	1077208	443.81	ug/L	96
12) 1,1-Dichloroethene	2.29	96	94152	53.76	ug/L	93
14) Carbon disulfide	2.49	76	12292	1.83	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	460709	213.41	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	17901652	7512.63	ug/L	96
34) Trichloroethene	6.19	95	65976363m	26917.31	ug/L	
42) Toluene	7.64	91	71549	7.25	ug/L	96
46) Tetrachloroethene	8.23	164	21983	10.42	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	17960	5.12	ug/L	97

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

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