

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038103.D
 Acq On : 11 May 2020 14:08
 Operator : JC/MD
 Sample : L2578-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 BFSF1

Manual Integrations
 APPROVED

sam
 5/12/2020 3:21:48 PM

Quant Time: May 12 01:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	721296	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	710763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	335984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	223554	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.48%
7) Chloroethane-d5	1.93	69	206946	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	403394	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.66	46	455034	91.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	5.10	84	413482	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.18%
26) 1,2-Dichloroethane-d4	5.74	65	291783	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
32) Benzene-d6	5.76	84	879966	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.72	67	306646	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.30%
41) Toluene-d8	7.92	98	799002	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%
43) trans-1,3-Dichloropropene-	8.20	79	138066	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.65	63	289051	95.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	436662	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	304230	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	39203	5.425	ug/L 85
8) Chloroethane	1.95	64	32025	7.369	ug/L 96
12) 1,1-Dichloroethene	2.61	96	191902	40.622	ug/L 99
13) Acetone	2.65	43	6093	1.908	ug/L 94
19) 1,1-Dichloroethane	3.91	63	4239303	417.244	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	47808	8.477	ug/L 94
22) 2-Butanone	4.75	43	14640m	2.832	ug/L
30) 1,1,1-Trichloroethane	5.35	97	10976128	1389.270	ug/L 98
33) Benzene	5.81	78	48086	2.164	ug/L 100
48) 2-Hexanone	8.71	43	45953	5.793	ug/L 93
51) Chlorobenzene	9.47	112	66662	4.586	ug/L 93
65) 1,2-Dichlorobenzene	12.22	146	23542	2.169	ug/L 94

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

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