Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062520\
Data File : VU039132.D
Acq On : 25 Jun 2020 23:09
Operator : SY/MD
Sample : L3121-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F01

Quant Time: Jun 26 04:47:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 04:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	268496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	123476	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	72905	3.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%			
7) Chloroethane-d5	1.93	69	71993	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.59	63	117776	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	4.69	46	400050	57.68	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.36%			
24) Chloroform-d	5.10	84	178913	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.74	65	112920	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.76	84	345651	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.72	67	124402	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.92	98	299472	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	8.20	79	50020	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.66	63	328908	58.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.22%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112117	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	122228	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	3085	0.121	ug/L #	43
14) Carbon disulfide	2.82	76	14788	0.244	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	15622132	301.934	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	141457	7.274	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	167930	8.002	ug/L	98
27) 1,2-Dichloroethane	5.83	62	27943	1.010	ug/L	99
30) Cyclohexane	5.41	56	37975	1.218	ug/L #	74
33) Benzene	5.81	78	151871	1.800	ug/L	100
34) Trichloroethene	6.57	95	40892	2.004	ug/L	95
42) Toluene	7.99	91	10880	0.130	ug/L	94
47) Tetrachloroethene	8.57	164	28168	1.915	ug/L	95
52) Ethylbenzene	9.59	91	14786	0.168	ug/L	95
54) o-Xylene	10.11	106	10237	0.329	ug/L	95

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

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