Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041705.D
Acq On : 21 Dec 2020 17:03
Operator : SY/MD
Sample : L5162-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB254

Quant Time: Dec 22 08:39:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 22 02:49:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	46998	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.92	69	45971	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.00%			
11) 1,1-Dichloroethene-d2	2.58	63	76409	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	4.66	46	194595	60.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.86%			
24) Chloroform-d	5.08	84	101537	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.72	65	55655	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.74	84	180434	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.70	67	62859	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.90	98	166563	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	8.18	79	25462	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.64	63	169187	57.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58929	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	57807	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	51551	4.243	ug/L	100
5) Vinyl chloride	1.61	62	61422	4.713	ug/L	96
8) Chloroethane	1.94	64	134300	15.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	115848	11.743	ug/L	97
12) 1,1-Dichloroethene	2.59	96	23860	2.453	ug/L #	79
13) Acetone	2.67	43	329380	160.799	ug/L	95
15) Methyl Acetate	2.97	43	55724	10.464	ug/L	94
16) Methylene chloride	3.06	84	3022	0.260	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	30983	3.079	ug/L	97
19) 1,1-Dichloroethane	3.88	63	41956	2.231	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	47845	4.302	ug/L	100
23) Bromochloromethane	4.99	128	29385	5.752	ug/L	92
25) Chloroform	5.10	83	165344	8.731	ug/L	99
27) 1,2-Dichloroethane	5.81	62	29050	2.265	ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	35769	2.320	ug/L	99
31) Carbon tetrachloride	5.54	117	47238	3.543	ug/L	97
34) Trichloroethene	6.55	95	24602	2.280	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) cis-1,3-Dichloropropene	7.61	75	89763	5.515	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	536702	68.666	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	38647	2.655	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	19183	2.361	ug/L	97
47) Tetrachloroethene	8.56	164	27135	3.592	ug/L	96
50) 1,2-Dibromoethane	8.92	107	44767	5.571	ug/L	100
51) Chlorobenzene	9.45	112	201377	7.307	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	22224	1.966	ug/L	96
61) Bromoform	10.29	173	18311	3.953	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	65236	3.481	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	44073	2.339	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	56869	4.764	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	32663	2.871	ug/L	100

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

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