Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122120\
Data File : VU041695.D
Acq On : 21 Dec 2020 12:44
Operator : SY/MD
Sample : L5148-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1T9

Quant Time: Dec 22 08:50:17 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	151525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	146077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75092	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	54324	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.92	69	47023	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.58	63	94784	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.65	46	178219	52.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.74%			
24) Chloroform-d	5.08	84	102822	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.71	65	59453	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	203545	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.70	67	69746	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.90	98	178583	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	8.18	79	27985	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	161755	50.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.36%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	61707	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	74883	5.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	40261	3.228	ug/L	98
6) Bromomethane	1.87	94	30076	3.493	ug/L	97
9) Trichlorofluoromethane	2.15	101	142500	8.176	ug/L	98
12) 1,1-Dichloroethene	2.59	96	36153	3.517	ug/L	85
13) Acetone	2.66	43	148653	68.680	ug/L	99
14) Carbon disulfide	2.81	76	169209	4.763	ug/L	100
16) Methylene chloride	3.06	84	29101	2.370	ug/L	88
17) Methyl tert-butyl Ether	3.38	73	238523	8.697	ug/L	99
19) 1,1-Dichloroethane	3.89	63	173457	8.729	ug/L	99
21) 2-Butanone	4.73	43	377123	106.969	ug/L	96
27) 1,2-Dichloroethane	5.81	62	98117	7.240	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	149256	8.897	ug/L	99
30) Cyclohexane	5.40	56	213069	11.332	ug/L	97
34) Trichloroethene	6.55	95	62955	5.363	ug/L	99
35) Methylcyclohexane	6.77	83	116194	6.123	ug/L	97
37) 1,2-Dichloropropane	6.80	63	26321	2.203	ug/L	99
42) Toluene	7.97	91	397409	8.239	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.56	164	77811	9.468	ug/L	96
48) 2-Hexanone	8.69	43	310148	50.119	ug/L	96
50) 1,2-Dibromoethane	8.93	107	141932	16.236	ug/L	100
51) Chlorobenzene	9.45	112	331300	11.050	ug/L	97
52) Ethylbenzene	9.57	91	332359	6.471	ug/L	97
53) m,p-Xylene	9.70	106	265603	13.866	ug/L	99
54) o-Xylene	10.10	106	105496	5.623	ug/L	95
55) Styrene	10.11	104	178444	5.506	ug/L	96
56) Isopropylbenzene	10.48	105	170260	3.410	ug/L	99
61) Bromoform	10.29	173	34629	6.100	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	105456	4.567	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	286156	12.724	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8893	4.217	ug/L	94
70) 1,2,3-Trichlorobenzene	14.32	180	144820	10.386	ug/L	97

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

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