Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120920\
Data File : VU041506.D
Acq On : 09 Dec 2020 11:19
Operator : SY/MD
Sample : L4979-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB1H1

Quant Time: Dec 10 07:32:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	46235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25398	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	9888	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.92	69	10154	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.58	63	25192	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	4.65	46	40930	45.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.92%			
24) Chloroform-d	5.08	84	30917	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	22326	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.74	84	46901	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
36) 1,2-Dichloropropane-d6	6.70	67	13109	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.60%			
41) Toluene-d8	7.90	98	47400	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	8.18	79	9066	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.64	63	32540	38.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14404	3.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	21175	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	10136	3.831	ug/L	96
6) Bromomethane	1.87	94	9461	4.338	ug/L	100
9) Trichlorofluoromethane	2.15	101	62160	8.845	ug/L	100
12) 1,1-Dichloroethene	2.59	96	10517	3.886	ug/L	94
13) Acetone	2.66	43	70895	102.260	ug/L	100
14) Carbon disulfide	2.81	76	46282	5.547	ug/L	99
16) Methylene chloride	3.06	84	8049	2.228	ug/L	89
17) Methyl tert-butyl Ether	3.38	73	74062	9.018	ug/L	100
19) 1,1-Dichloroethane	3.89	63	49847	9.870	ug/L	99
21) 2-Butanone	4.73	43	115237	132.841	ug/L	98
27) 1,2-Dichloroethane	5.81	62	39766	7.908	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	57628	7.553	ug/L	98
30) Cyclohexane	5.40	56	43498	9.067	ug/L	91
34) Trichloroethene	6.55	95	18063	4.541	ug/L	98
35) Methylcyclohexane	6.77	83	29630	5.461	ug/L	98
37) 1,2-Dichloropropane	6.80	63	6010	1.946	ug/L #	94
42) Toluene	7.97	91	119773	8.075	ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.56	164	27843	8.863	ug/L		97
48) 2-Hexanone	8.69	43	92617	46.583	ug/L	#	94
50) 1,2-Dibromoethane	8.93	107	44143	14.693	ug/L		95
51) Chlorobenzene	9.45	112	104848	10.607	ug/L		98
52) Ethylbenzene	9.57	91	104228	6.132	ug/L		98
53) m,p-Xylene	9.70	106	81151	13.152	ug/L		97
54) o-Xylene	10.10	106	31314	5.235	ug/L		95
55) Styrene	10.11	104	54390	5.354	ug/L		99
56) Isopropylbenzene	10.48	105	54564	3.231	ug/L		98
61) Bromoform	10.29	173	13176	6.174	ug/L		95
63) 1,4-Dichlorobenzene	11.83	146	32175	4.385	ug/L		98
65) 1,2-Dichlorobenzene	12.21	146	85926	12.125	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	2799	4.032	ug/L	#	81
70) 1,2,3-Trichlorobenzene	14.32	180	43668	10.778	ug/L		97

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

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