Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040671.D
Acq On : 12 Oct 2020 20:01
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Oct 13 04:44:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131486	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68483	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	43230	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.92	69	37354	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.58	63	92249	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.60%			
20) 2-Butanone-d5	4.66	46	180107	51.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.32%			
24) Chloroform-d	5.08	84	93289	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54920	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.74	84	165396	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.70	67	56453	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.91	98	149691	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	8.19	79	24522	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.64	63	131058	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52275	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60087	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	58379	4.900	ug/L	98
3) Chloromethane	1.53	50	50679	4.549	ug/L	98
5) Vinyl chloride	1.61	62	54416	4.638	ug/L	100
6) Bromomethane	1.87	94	27380	4.298	ug/L	94
8) Chloroethane	1.94	64	36303	4.860	ug/L	98
9) Trichlorofluoromethane	2.15	101	82656	4.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	52710	4.819	ug/L	99
12) 1,1-Dichloroethene	2.59	96	46144	4.918	ug/L	97
13) Acetone	2.67	43	124815	46.185	ug/L	95
14) Carbon disulfide	2.81	76	118167	4.499	ug/L	100
15) Methyl Acetate	2.97	43	27406	4.441	ug/L	98
16) Methylene chloride	3.06	84	56325	4.676	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	132114	4.980	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47573	4.844	ug/L	98
19) 1,1-Dichloroethane	3.89	63	101545	5.000	ug/L	99
21) 2-Butanone	4.74	43	206761	49.073	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	55365	5.228	ug/L	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	25655	4.876	ug/L	97
25) Chloroform	5.11	83	108556	5.235	ug/L	97
27) 1,2-Dichloroethane	5.81	62	73355	4.998	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	87605	5.095	ug/L	98
30) Cyclohexane	5.41	56	75537	4.768	ug/L	98
31) Carbon tetrachloride	5.54	117	76423	5.194	ug/L	100
33) Benzene	5.79	78	213117	5.185	ug/L	100
34) Trichloroethene	6.56	95	53652	5.035	ug/L	96
35) Methylcyclohexane	6.77	83	71197	4.712	ug/L	99
37) 1,2-Dichloropropane	6.80	63	59638	5.207	ug/L	99
38) Bromodichloromethane	7.11	83	75563	5.161	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	79923	5.107	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	466639	51.105	ug/L	100
42) Toluene	7.98	91	221060	5.278	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	75220	5.222	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	44037	5.134	ug/L	97
47) Tetrachloroethene	8.56	164	39455	5.190	ug/L	95
48) 2-Hexanone	8.69	43	356908	52.500	ug/L	99
49) Dibromochloromethane	8.81	129	52471	5.316	ug/L	97
50) 1,2-Dibromoethane	8.93	107	40611	4.991	ug/L	99
51) Chlorobenzene	9.45	112	141923	5.144	ug/L	98
52) Ethylbenzene	9.57	91	234807	5.180	ug/L	99
53) m,p-Xylene	9.69	106	88065	5.330	ug/L	98
54) o-Xylene	10.10	106	84824	5.338	ug/L	98
55) Styrene	10.11	104	153243	5.553	ug/L	99
56) Isopropylbenzene	10.48	105	228402	5.340	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	58275	5.174	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	42749	5.081	ug/L	97
61) Bromoform	10.29	173	29774	5.072	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	113147	5.048	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	114532	4.956	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	110489	5.042	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9587	4.997	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	78139	4.913	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	59501	4.842	ug/L	99
69) Naphthalene	14.08	128	97295	4.840	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	57839	5.069	ug/L	99

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

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