Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041378.D
Acq On : 20 Nov 2020 20:04
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Nov 21 02:46:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60723	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15718	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.92	69	16751	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.58	63	39608	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.60%			
20) 2-Butanone-d5	4.64	46	77206	42.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.52%			
24) Chloroform-d	5.08	84	53086	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
26) 1,2-Dichloroethane-d4	5.72	65	30617	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.74	84	86237	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
36) 1,2-Dichloropropane-d6	6.70	67	30782	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.91	98	79168	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	8.19	79	11422	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.64	63	57384	44.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26631	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31168	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	24508	4.987	ug/L	99
3) Chloromethane	1.53	50	20559	3.885	ug/L	98
5) Vinyl chloride	1.61	62	23911	4.626	ug/L	89
6) Bromomethane	1.86	94	8349	2.723	ug/L	94
8) Chloroethane	1.94	64	14803	4.315	ug/L	93
9) Trichlorofluoromethane	2.14	101	43248	5.372	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23245	5.300	ug/L	96
12) 1,1-Dichloroethene	2.59	96	18835	4.860	ug/L	91
13) Acetone	2.64	43	45918	38.334	ug/L #	61
14) Carbon disulfide	2.80	76	51903	4.551	ug/L	100
15) Methyl Acetate	2.96	43	11014	4.426	ug/L	96
16) Methylene chloride	3.06	84	25201	5.186	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	53616	5.053	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	20509	5.434	ug/L	96
19) 1,1-Dichloroethane	3.89	63	47448	5.623	ug/L	99
21) 2-Butanone	4.72	43	72509	39.870	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	23890	5.604	ug/L	93

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	11510	5.445	ug/L		93
25) Chloroform	5.11	83	51259	5.601	ug/L		98
27) 1,2-Dichloroethane	5.81	62	34491	5.242	ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	43041	5.799	ug/L		96
30) Cyclohexane	5.40	56	29103	4.746	ug/L		96
31) Carbon tetrachloride	5.54	117	38332	5.956	ug/L		99
33) Benzene	5.79	78	95843	5.824	ug/L		100
34) Trichloroethene	6.55	95	24424	5.492	ug/L		97
35) Methylcyclohexane	6.77	83	28999	4.908	ug/L		98
37) 1,2-Dichloropropane	6.80	63	27977	5.816	ug/L	#	97
38) Bromodichloromethane	7.11	83	35765	5.689	ug/L	#	93
39) cis-1,3-Dichloropropene	7.61	75	34878	5.199	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	173356	43.551	ug/L		99
42) Toluene	7.98	91	101444	5.768	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	32180	5.071	ug/L		98
45) 1,1,2-Trichloroethane	8.40	97	19438	5.225	ug/L		91
47) Tetrachloroethene	8.56	164	17650	5.371	ug/L		98
48) 2-Hexanone	8.69	43	130250	43.835	ug/L		99
49) Dibromochloromethane	8.81	129	24001	5.445	ug/L		93
50) 1,2-Dibromoethane	8.93	107	17735	5.139	ug/L		95
51) Chlorobenzene	9.45	112	63214	5.427	ug/L		98
52) Ethylbenzene	9.57	91	101104	5.383	ug/L		100
53) m,p-Xylene	9.70	106	37571	5.536	ug/L		100
54) o-Xylene	10.10	106	37271	5.701	ug/L		98
55) Styrene	10.11	104	65191	5.631	ug/L		99
56) Isopropylbenzene	10.48	105	100188	5.785	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	24681	5.076	ug/L		98
59) 1,2,3-Trichloropropane	10.82	75	18324	4.831	ug/L		99
61) Bromoform	10.29	173	13188	4.662	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	51218	5.510	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	51626	5.390	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	49367	5.339	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4061	4.731	ug/L		91
67) 1,3,5-Trichlorobenzene	13.21	180	35036	5.292	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	26871	4.886	ug/L		97
69) Naphthalene	14.08	128	39067	4.387	ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	25707	5.033	ug/L		98

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

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