Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040897.D
Acq On : 22 Oct 2020 00:51
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Oct 22 01:15:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	236744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	236416	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	121958	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	76366	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.92	69	68601	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.58	63	164627	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.65	46	355475	61.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.38%			
24) Chloroform-d	5.08	84	174458	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.72	65	105375	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	5.74	84	302743	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.70	67	103686	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.91	98	275414	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	8.19	79	43110	5.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.40%			
46) 2-Hexanone-d5	8.64	63	272942	64.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.94%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	104641	5.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	105239	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	117574	4.892	ug/L	100
3) Chloromethane	1.53	50	127455	4.886	ug/L	98
5) Vinyl chloride	1.61	62	124043	5.114	ug/L	95
6) Bromomethane	1.87	94	66574	5.447	ug/L	99
8) Chloroethane	1.94	64	74860	4.774	ug/L	100
9) Trichlorofluoromethane	2.15	101	163571	5.111	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	92848	4.992	ug/L	99
12) 1,1-Dichloroethene	2.59	96	86958	5.015	ug/L	95
13) Acetone	2.66	43	236422	58.376	ug/L	98
14) Carbon disulfide	2.81	76	304831	4.941	ug/L	99
15) Methyl Acetate	2.97	43	57760	5.639	ug/L	100
16) Methylene chloride	3.06	84	113492	5.322	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	225861	5.351	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	92199	5.127	ug/L	94
19) 1,1-Dichloroethane	3.89	63	185798	5.136	ug/L	97
21) 2-Butanone	4.73	43	385063	63.082	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	96371	4.881	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	47182	5.346	ug/L	98
25) Chloroform	5.11	83	184579	5.000	ug/L	94
27) 1,2-Dichloroethane	5.81	62	139323	5.527	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	159000	5.173	ug/L	99
30) Cyclohexane	5.41	56	150703	4.916	ug/L	98
31) Carbon tetrachloride	5.54	117	136961	5.070	ug/L	99
33) Benzene	5.79	78	390848	5.143	ug/L	100
34) Trichloroethene	6.56	95	96363	4.982	ug/L	97
35) Methylcyclohexane	6.77	83	136268	4.707	ug/L	97
37) 1,2-Dichloropropane	6.80	63	106241	5.178	ug/L	98
38) Bromodichloromethane	7.11	83	136816	5.252	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	137660	5.016	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	898591	65.261	ug/L	99
42) Toluene	7.98	91	401131	5.255	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	132803	5.345	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	78567	5.620	ug/L	97
47) Tetrachloroethene	8.56	164	71101	4.939	ug/L	99
48) 2-Hexanone	8.69	43	684607	68.348	ug/L	100
49) Dibromochloromethane	8.82	129	92562	5.549	ug/L	93
50) 1,2-Dibromoethane	8.93	107	75418	5.775	ug/L	98
51) Chlorobenzene	9.45	112	247133	5.014	ug/L	99
52) Ethylbenzene	9.57	91	408654	4.979	ug/L	99
53) m,p-Xylene	9.69	106	154652	5.231	ug/L	90
54) o-Xylene	10.10	106	143706	5.112	ug/L	96
55) Styrene	10.11	104	260865	5.334	ug/L	100
56) Isopropylbenzene	10.48	105	385734	5.127	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	106230	5.965	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	78238	5.867	ug/L	98
61) Bromoform	10.29	173	50688	5.669	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	193831	5.016	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	193185	4.864	ug/L	92
65) 1,2-Dichlorobenzene	12.21	146	187902	5.181	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	19086	5.656	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	127170	4.483	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	107892	4.512	ug/L	99
69) Naphthalene	14.08	128	206597	4.694	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	105443	4.547	ug/L	99

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

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