Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121820\
Data File : VU041691.D
Acq On : 18 Dec 2020 20:10
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Dec 19 04:16:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64991	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37337	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.92	69	34749	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.58	63	80122	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.60%			
20) 2-Butanone-d5	4.66	46	157571	54.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.28%			
24) Chloroform-d	5.08	84	84701	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.72	65	48439	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	164431	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51404	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.90	98	142800	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.19	79	22584	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.64	63	145668	56.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55083	5.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56783	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	51803	4.762	ug/L	98
3) Chloromethane	1.53	50	45891	4.342	ug/L	96
5) Vinyl chloride	1.61	62	52544	4.502	ug/L	98
6) Bromomethane	1.87	94	36599	5.016	ug/L	98
8) Chloroethane	1.94	64	33441	4.218	ug/L	100
9) Trichlorofluoromethane	2.15	101	82149	5.561	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	46031	5.211	ug/L	95
12) 1,1-Dichloroethene	2.59	96	43992	5.050	ug/L	88
13) Acetone	2.68	43	91111	49.670	ug/L	74
14) Carbon disulfide	2.80	76	133629	4.439	ug/L	100
15) Methyl Acetate	2.97	43	20448	4.288	ug/L	97
16) Methylene chloride	3.06	84	52316	5.028	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	120772	5.196	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	43798	4.861	ug/L	94
19) 1,1-Dichloroethane	3.89	63	79411	4.715	ug/L	97
21) 2-Butanone	4.74	43	154870	51.833	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	47954	4.815	ug/L	97

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	26428	5.777 ug/L	88
25) Chloroform	5.11	83	86761	5.116 ug/L	99
27) 1,2-Dichloroethane	5.81	62	60781	5.292 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	78119	5.857 ug/L	97
30) Cyclohexane	5.40	56	75588	5.057 ug/L	95
31) Carbon tetrachloride	5.54	117	65508	5.681 ug/L	99
33) Benzene	5.79	78	193316	5.205 ug/L	100
34) Trichloroethene	6.55	95	50343	5.394 ug/L	94
35) Methylcyclohexane	6.77	83	74359	4.929 ug/L	98
37) 1,2-Dichloropropane	6.80	63	49603	5.221 ug/L	99
38) Bromodichloromethane	7.11	83	61476	5.201 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	70888	5.036 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	361603	53.491 ug/L	97
42) Toluene	7.97	91	199252	5.196 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	67709	5.379 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	40107	5.709 ug/L	97
47) Tetrachloroethene	8.56	164	36784	5.630 ug/L	97
48) 2-Hexanone	8.69	43	270581	54.999 ug/L	97
49) Dibromochloromethane	8.81	129	45715	5.665 ug/L	99
50) 1,2-Dibromoethane	8.93	107	38214	5.499 ug/L	96
51) Chlorobenzene	9.45	112	127596	5.353 ug/L	96
52) Ethylbenzene	9.57	91	207677	5.086 ug/L	96
53) m,p-Xylene	9.69	106	82518	5.419 ug/L	99
54) o-Xylene	10.10	106	80108	5.371 ug/L	100
55) Styrene	10.11	104	138029	5.357 ug/L	98
56) Isopropylbenzene	10.48	105	221140	5.570 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	57823	5.915 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	44108	6.182 ug/L	96
61) Bromoform	10.29	173	28731	5.848 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	104341	5.249 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	99387	4.973 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	101679	5.224 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.99	75	9461	5.183 ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	71853	4.762 ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	55348	4.371 ug/L	99
69) Naphthalene	14.07	128	110542	4.217 ug/L	99
70) 1,2,3-Trichlorobenzene	14.31	180	52642	4.362 ug/L	99

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

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