Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038669.D
Acq On : 08 Jun 2020 14:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Jun 09 00:48:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 09 00:46:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	347510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	341342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	176574	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	116237	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.93	69	92405	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.59	63	220123	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	4.68	46	398665	58.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.70%			
24) Chloroform-d	5.10	84	225386	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.74	65	127960	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.76	84	455012	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.72	67	135653	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.92	98	405664	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.20	79	60022	5.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.60%			
46) 2-Hexanone-d5	8.65	63	339861	61.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.14%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122663	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	159778	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	107065	3.909	ug/L	100
3) Chloromethane	1.53	50	92296	3.669	ug/L	100
5) Vinyl chloride	1.62	62	99965	3.709	ug/L	99
6) Bromomethane	1.87	94	58355	4.460	ug/L	99
8) Chloroethane	1.95	64	64106	3.970	ug/L	98
9) Trichlorofluoromethane	2.16	101	156891	4.388	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	94094	4.469	ug/L	97
12) 1,1-Dichloroethene	2.61	96	88599	4.140	ug/L	97
13) Acetone	2.68	43	200779	44.903	ug/L	98
14) Carbon disulfide	2.82	76	243373	3.351	ug/L	99
15) Methyl Acetate	2.99	43	48812	4.456	ug/L	99
16) Methylene chloride	3.08	84	101442	4.189	ug/L	100
17) Methyl tert-butyl Ether	3.40	73	255311	4.550	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	93656	4.061	ug/L	96
19) 1,1-Dichloroethane	3.91	63	183616	4.448	ug/L	98
21) 2-Butanone	4.76	43	344482	45.804	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	105870	4.263	ug/L	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 09 00:46:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	47849	4.281 ug/L	94
25) Chloroform	5.13	83	188446	4.494 ug/L	99
27) 1,2-Dichloroethane	5.83	62	132365	4.484 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	163649	4.531 ug/L	99
30) Cyclohexane	5.42	56	151758	4.007 ug/L	100
31) Carbon tetrachloride	5.56	117	136719	4.547 ug/L	100
33) Benzene	5.81	78	406808	4.274 ug/L	100
34) Trichloroethene	6.57	95	104856	4.244 ug/L	96
35) Methylcyclohexane	6.79	83	149078	3.898 ug/L	98
37) 1,2-Dichloropropane	6.82	63	106034	4.427 ug/L	99
38) Bromodichloromethane	7.13	83	136148	4.577 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	157592	4.452 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	769596	44.928 ug/L	99
42) Toluene	7.99	91	436289	4.370 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	139829	4.473 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	82880	4.587 ug/L	97
47) Tetrachloroethene	8.57	164	76926	4.286 ug/L	98
48) 2-Hexanone	8.71	43	588336	45.353 ug/L	100
49) Dibromochloromethane	8.83	129	92067	4.720 ug/L	100
50) 1,2-Dibromoethane	8.94	107	76201	4.404 ug/L	98
51) Chlorobenzene	9.47	112	284097	4.412 ug/L	99
52) Ethylbenzene	9.59	91	480146	4.323 ug/L	100
53) m,p-Xylene	9.71	106	188396	4.410 ug/L	99
54) o-Xylene	10.12	106	179657	4.381 ug/L	99
55) Styrene	10.13	104	317298	4.558 ug/L	96
56) Isopropylbenzene	10.50	105	485288	4.496 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	103655	4.514 ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	80830	4.521 ug/L	100
61) Bromoform	10.31	173	51004	4.637 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	229253	4.419 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	229592	4.364 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	219587	4.457 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	18152	4.551 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	170407	4.403 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	153832	4.294 ug/L	99
69) Naphthalene	14.11	128	301810	4.233 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	144844	4.443 ug/L	96

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

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