Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038058.D
Acq On : 07 May 2020 23:09
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: May 08 00:55:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 11:58:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	362399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	362004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174685	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	151805	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.93	69	128550	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.59	63	240600	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.66	46	340075	41.58	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.16%			
24) Chloroform-d	5.10	84	216296	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.74	65	132001	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.76	84	493181	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.72	67	159287	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.92	98	437640	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	8.20	79	61456	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.65	63	296951	44.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.68%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124217	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	152618	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	143643	4.334	ug/L	99
3) Chloromethane	1.53	50	184111	4.609	ug/L	98
5) Vinyl chloride	1.62	62	180486	4.611	ug/L	99
6) Bromomethane	1.87	94	97189	4.361	ug/L	96
8) Chloroethane	1.95	64	107770	4.477	ug/L	99
9) Trichlorofluoromethane	2.16	101	175010	4.373	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	105173	4.239	ug/L	100
12) 1,1-Dichloroethene	2.60	96	110339	4.387	ug/L	93
13) Acetone	2.65	43	215056	41.911	ug/L	97
14) Carbon disulfide	2.82	76	382893	4.268	ug/L	100
15) Methyl Acetate	2.98	43	57895	4.033	ug/L	99
16) Methylene chloride	3.08	84	133096	4.540	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	308660	4.417	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	121946	4.441	ug/L	97
19) 1,1-Dichloroethane	3.91	63	243568	4.542	ug/L	98
21) 2-Butanone	4.74	43	393426	43.439	ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	137418	4.644	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: May 08 00:55:36 2020
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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	5.01	128	57087	4.483 ug/L	99
25) Chloroform	5.13	83	246815	4.934 ug/L	98
27) 1,2-Dichloroethane	5.83	62	154031	4.362 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	179670	4.332 ug/L	99
30) Cyclohexane	5.42	56	203244	4.150 ug/L	99
31) Carbon tetrachloride	5.56	117	140012	4.200 ug/L	98
33) Benzene	5.81	78	530515	4.576 ug/L	100
34) Trichloroethene	6.57	95	125155	4.317 ug/L	98
35) Methylcyclohexane	6.79	83	194513	4.142 ug/L	97
37) 1,2-Dichloropropane	6.82	63	139155	4.419 ug/L	99
38) Bromodichloromethane	7.13	83	159711	4.388 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	200788	4.455 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	954949	43.758 ug/L	99
42) Toluene	7.99	91	540172	4.414 ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	166595	4.347 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	98229	4.492 ug/L	98
47) Tetrachloroethene	8.57	164	88034	4.341 ug/L	98
48) 2-Hexanone	8.71	43	716944	44.859 ug/L	99
49) Dibromochloromethane	8.83	129	98430	4.338 ug/L	99
50) 1,2-Dibromoethane	8.94	107	89075	4.389 ug/L	97
51) Chlorobenzene	9.47	112	336888	4.436 ug/L	100
52) Ethylbenzene	9.59	91	587117	4.429 ug/L	100
53) m,p-Xylene	9.71	106	224479	4.416 ug/L	99
54) o-Xylene	10.12	106	220227	4.481 ug/L	99
55) Styrene	10.13	104	373024	4.521 ug/L	98
56) Isopropylbenzene	10.50	105	559931	4.436 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	119946	4.321 ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	93727	4.435 ug/L	99
61) Bromoform	10.31	173	50711	4.295 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	254782	4.483 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	253609	4.403 ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	241290	4.413 ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	18348	4.106 ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	180342	4.373 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	170141	4.548 ug/L	99
69) Naphthalene	14.11	128	359676	4.567 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	155061	4.460 ug/L	98

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

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