Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040226.D
Acq On : 21 Sep 2020 10:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Sep 22 07:07:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 21 13:56:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61780	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31519	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	1.92	69	29827	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.58	63	82185	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.66	46	158597	56.11	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.22%			
24) Chloroform-d	5.08	84	82116	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.72	65	50321	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.74	84	141376	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.70	67	48860	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.90	98	124066	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	8.18	79	21573	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	122310	56.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.44%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48186	5.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50828	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	56343	4.387	ug/L	100
3) Chloromethane	1.53	50	49788	4.049	ug/L	99
5) Vinyl chloride	1.61	62	52737	4.230	ug/L	98
6) Bromomethane	1.87	94	29032	4.556	ug/L	92
8) Chloroethane	1.94	64	32573	4.348	ug/L	98
9) Trichlorofluoromethane	2.15	101	81463	4.562	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55212	4.770	ug/L	98
12) 1,1-Dichloroethene	2.59	96	46887	4.681	ug/L	91
13) Acetone	2.67	43	129101	49.344	ug/L	100
14) Carbon disulfide	2.81	76	127291	3.964	ug/L	100
15) Methyl Acetate	2.97	43	27501	4.188	ug/L	99
16) Methylene chloride	3.06	84	55479	4.230	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	134928	4.470	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	47827	4.439	ug/L	94
19) 1,1-Dichloroethane	3.89	63	97084	4.378	ug/L	98
21) 2-Butanone	4.74	43	200251	46.881	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	53756	4.640	ug/L	94

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 21 13:56:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	25338	4.992 ug/L	91
25) Chloroform	5.11	83	107009	4.712 ug/L	100
27) 1,2-Dichloroethane	5.81	62	76309	4.586 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	88912	4.398 ug/L	98
30) Cyclohexane	5.40	56	77184	3.937 ug/L	99
31) Carbon tetrachloride	5.54	117	77116	4.457 ug/L	98
33) Benzene	5.79	78	205698	4.465 ug/L	100
34) Trichloroethene	6.55	95	54505	4.411 ug/L	95
35) Methylcyclohexane	6.77	83	75713	4.002 ug/L	99
37) 1,2-Dichloropropane	6.80	63	56583	4.536 ug/L	99
38) Bromodichloromethane	7.11	83	75714	4.447 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	76008	4.132 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	463569	45.296 ug/L	98
42) Toluene	7.97	91	217153	4.577 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	74893	4.394 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	42398	4.666 ug/L	99
47) Tetrachloroethene	8.56	164	37746	4.650 ug/L	96
48) 2-Hexanone	8.69	43	344654	46.168 ug/L	99
49) Dibromochloromethane	8.81	129	51512	4.723 ug/L	96
50) 1,2-Dibromoethane	8.93	107	40839	4.662 ug/L	98
51) Chlorobenzene	9.45	112	139247	4.728 ug/L	97
52) Ethylbenzene	9.57	91	235199	4.364 ug/L	100
53) m,p-Xylene	9.69	106	89377	4.657 ug/L	97
54) o-Xylene	10.10	106	85366	4.668 ug/L	93
55) Styrene	10.11	104	151820	4.774 ug/L	99
56) Isopropylbenzene	10.48	105	235712	4.726 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	55382	4.753 ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	43495	4.707 ug/L	99
61) Bromoform	10.29	173	26579	4.691 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	111284	4.928 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	114703	5.020 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	105722	4.839 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10045	4.299 ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	73671	4.640 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	58881	4.306 ug/L	98
69) Naphthalene	14.08	128	108448	3.804 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	56282	4.480 ug/L	98

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

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