Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072020\
Data File : VU039565.D
Acq On : 20 Jul 2020 10:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Jul 21 05:57:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 20 11:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59187	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26636	3.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.20%			
7) Chloroethane-d5	1.92	69	29621	3.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.60%			
11) 1,1-Dichloroethene-d2	2.58	63	62020	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.60%			
20) 2-Butanone-d5	4.65	46	142060	42.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.24%			
24) Chloroform-d	5.08	84	69855	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.72	65	45125	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.74	84	130500	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.70	67	44758	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.91	98	118600	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	8.19	79	19974	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	107509	40.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.78%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43716	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50094	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	37634	4.882	ug/L	100
3) Chloromethane	1.53	50	38510	4.123	ug/L	96
5) Vinyl chloride	1.61	62	42184	4.068	ug/L	99
6) Bromomethane	1.87	94	28441	6.368	ug/L	94
8) Chloroethane	1.94	64	32083	4.282	ug/L	99
9) Trichlorofluoromethane	2.15	101	78903	4.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	38483	5.208	ug/L	98
12) 1,1-Dichloroethene	2.59	96	34759	4.595	ug/L	89
13) Acetone	2.66	43	79467	43.651	ug/L	98
14) Carbon disulfide	2.81	76	103812	3.896	ug/L	98
15) Methyl Acetate	2.97	43	20151	4.191	ug/L	100
16) Methylene chloride	3.06	84	42444	4.461	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	106423	4.465	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	39887	4.763	ug/L	96
19) 1,1-Dichloroethane	3.89	63	74550	4.550	ug/L	98
21) 2-Butanone	4.73	43	136697	42.069	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	43075	4.588	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Jul 21 05:57:33 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 20 11:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	20686	4.850 ug/L	91
25) Chloroform	5.11	83	86859	5.250 ug/L	99
27) 1,2-Dichloroethane	5.81	62	57013	4.764 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	74252	5.247 ug/L	96
30) Cyclohexane	5.40	56	65632	4.406 ug/L	100
31) Carbon tetrachloride	5.54	117	64523	5.345 ug/L	99
33) Benzene	5.79	78	163148	4.542 ug/L	100
34) Trichloroethene	6.56	95	45231	4.871 ug/L	96
35) Methylcyclohexane	6.77	83	68649	4.615 ug/L	99
37) 1,2-Dichloropropane	6.80	63	44495	4.544 ug/L	98
38) Bromodichloromethane	7.12	83	61358	4.907 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	66631	4.502 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	338919	41.492 ug/L	98
42) Toluene	7.98	91	176633	4.592 ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	61865	4.711 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	34735	4.939 ug/L	93
47) Tetrachloroethene	8.56	164	32715	5.065 ug/L	97
48) 2-Hexanone	8.69	43	246529	40.933 ug/L	99
49) Dibromochloromethane	8.82	129	41430	4.863 ug/L	97
50) 1,2-Dibromoethane	8.93	107	32885	4.602 ug/L	97
51) Chlorobenzene	9.45	112	112250	4.776 ug/L	98
52) Ethylbenzene	9.57	91	201887	4.749 ug/L	98
53) m,p-Xylene	9.70	106	75185	4.694 ug/L	95
54) o-Xylene	10.10	106	73543	4.717 ug/L	98
55) Styrene	10.11	104	125504	4.626 ug/L	98
56) Isopropylbenzene	10.48	105	199642	4.734 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	44068	4.502 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	32109	4.449 ug/L	97
61) Bromoform	10.29	173	24207	4.853 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	91591	4.938 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	90387	4.858 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	88936	4.783 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	7427	4.522 ug/L #	85
67) 1,3,5-Trichlorobenzene	13.21	180	68710	4.951 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	55508	4.674 ug/L	97
69) Naphthalene	14.08	128	91296	3.820 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	50886	4.624 ug/L	98

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

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