Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072120\
Data File : VX017453.D
Acq On : 21 Jul 2020 13:34
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VICV66

Quant Time: Jul 22 06:15:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 05:48:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	371742	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	347622	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	170289	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	144486	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.69	69	102443	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.34	63	276207	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.80%			
20) 2-Butanone-d5	4.53	46	261020	48.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.64%			
24) Chloroform-d	5.14	84	237273	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	6.03	65	123879	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	6.04	84	437251	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	7.37	67	127354	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	8.70	98	419702	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
45) trans-1,3-Dichloropropene-	8.99	79	60011	5.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.00%			
48) 2-Hexanone-d5	9.43	63	202126	51.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.60%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89675	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	149817	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	233351	5.710	ug/L	99
3) Chloromethane	1.31	50	188949	4.970	ug/L	98
5) Vinyl chloride	1.39	62	189231	5.219	ug/L	97
6) Bromomethane	1.64	94	94700	4.809	ug/L	100
8) Chloroethane	1.71	64	102916	5.172	ug/L	96
9) Trichlorofluoromethane	1.92	101	280912	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	147211	5.209	ug/L	100
12) 1,1-Dichloroethene	2.36	96	129698	4.931	ug/L	95
13) Acetone	2.42	43	205898	47.243	ug/L	100
14) Carbon disulfide	2.55	76	457097	5.122	ug/L	100
15) Methyl Acetate	2.75	43	55704	4.391	ug/L	97
16) Methylene chloride	2.83	84	148377	4.106	ug/L	94
17) Methyl tert-butyl Ether	3.17	73	302688	4.832	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	137884	4.924	ug/L	97
19) 1,1-Dichloroethane	3.67	63	246776	5.004	ug/L	92
21) 2-Butanone	4.64	43	329472	47.457	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	148055	5.350	ug/L #	97

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Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VICV66

Quant Time: Jul 22 06:15:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 05:48:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	68158	5.108 ug/L	96
25) Chloroform	5.18	83	265434	5.126 ug/L	96
27) 1,2-Dichloroethane	6.16	62	166156	4.988 ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	252085	5.398 ug/L	99
30) Cyclohexane	5.54	56	228051	6.043 ug/L	100
31) Carbon tetrachloride	5.74	117	229766	5.461 ug/L	96
33) Benzene	6.11	78	550507	5.377 ug/L	100
34) Trichloroethene	7.18	95	153491	5.557 ug/L	97
35) Methylcyclohexane	7.44	83	215543	5.767 ug/L	98
37) 1,2-Dichloropropane	7.49	63	125825	4.888 ug/L	99
38) Bromodichloromethane	7.87	83	185316	5.375 ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	209427	5.633 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	772074	51.295 ug/L #	96
42) Toluene	8.76	91	554253	5.400 ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	538912	5.635 ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	513894	5.427 ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	172819	5.397 ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	93728	5.322 ug/L	96
49) Tetrachloroethene	9.32	164	118350	5.274 ug/L	97
50) 2-Hexanone	9.47	43	540355	49.181 ug/L #	88
51) Dibromochloromethane	9.56	129	126675	5.232 ug/L	98
52) 1,2-Dibromoethane	9.65	107	90781	5.201 ug/L	100
53) Chlorobenzene	10.12	112	387937	5.554 ug/L	99
54) Ethylbenzene	10.23	91	618714	5.558 ug/L	99
55) m,p-xylene	10.34	106	253644	5.707 ug/L	97
56) o-xylene	10.68	106	238313	5.527 ug/L	98
57) Styrene	10.70	104	394529	5.494 ug/L	98
58) Isopropylbenzene	11.00	105	652234	5.853 ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	105002	5.010 ug/L	98
62) Bromoform	10.84	173	74657	5.473 ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	311498	5.683 ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	297818	5.519 ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	281873	5.552 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	19834	4.438 ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	268752	5.821 ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	203098	6.020 ug/L	99
70) Naphthalene	13.82	128	336879	5.690 ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	188343	6.038 ug/L	99

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

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