Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018643.D
Acq On : 29 Sep 2020 08:55
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00583

Quant Time: Sep 30 04:51:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	321496	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	304652	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	162066	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	74188	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.70	69	65337	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.34	63	168126	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.54	46	220144	51.32	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.64%			
24) Chloroform-d	5.14	84	186092	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	6.03	65	97389	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
32) Benzene-d6	6.04	84	338553	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	7.37	67	103726	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	8.70	98	324887	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
45) trans-1,3-Dichloropropene-	8.99	79	43893	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
48) 2-Hexanone-d5	9.43	63	180793	52.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.94%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79509	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	122937	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	95847	4.926	ug/L	99
3) Chloromethane	1.31	50	80018	4.815	ug/L	99
5) Vinyl chloride	1.39	62	82046	4.713	ug/L	99
6) Bromomethane	1.64	94	36682	3.525	ug/L	93
8) Chloroethane	1.71	64	47782	4.992	ug/L	96
9) Trichlorofluoromethane	1.92	101	138400	4.590	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	78581	4.748	ug/L	99
12) 1,1-Dichloroethene	2.36	96	71597	4.562	ug/L	97
13) Acetone	2.44	43	121618	51.220	ug/L	100
14) Carbon disulfide	2.55	76	223864	4.691	ug/L	99
15) Methyl Acetate	2.75	43	29137	4.433	ug/L	97
16) Methylene chloride	2.83	84	75459	3.519	ug/L	88
17) Methyl tert-butyl Ether	3.17	73	176846	5.063	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	75519	4.814	ug/L	93
19) 1,1-Dichloroethane	3.67	63	139904	4.972	ug/L	99
21) 2-Butanone	4.65	43	195129	51.774	ug/L #	59
22) cis-1,2-Dichloroethene	4.56	96	78833	4.816	ug/L #	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00583

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	37049	4.720 ug/L	88
25) Chloroform	5.17	83	145487	4.731 ug/L	88
27) 1,2-Dichloroethane	6.16	62	94494	4.858 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	139743	4.816 ug/L	99
30) Cyclohexane	5.54	56	119106	5.160 ug/L	97
31) Carbon tetrachloride	5.75	117	125391	4.686 ug/L	96
33) Benzene	6.11	78	299447	5.098 ug/L	100
34) Trichloroethene	7.18	95	83948	4.939 ug/L	96
35) Methylcyclohexane	7.44	83	123978	5.244 ug/L	96
37) 1,2-Dichloropropane	7.49	63	74749	4.769 ug/L	99
38) Bromodichloromethane	7.87	83	103398	4.887 ug/L	96
39) cis-1,3-Dichloropropene	8.41	75	111954	5.037 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	465135	53.544 ug/L	100
42) Toluene	8.76	91	330332	5.207 ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	294808	5.315 ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	310210	5.590 ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	100949	4.980 ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	54503	4.846 ug/L	94
49) Tetrachloroethene	9.32	164	69450	5.190 ug/L	93
50) 2-Hexanone	9.47	43	339371	55.193 ug/L	98
51) Dibromochloromethane	9.57	129	72926	4.955 ug/L	95
52) 1,2-Dibromoethane	9.65	107	52123	4.975 ug/L	93
53) Chlorobenzene	10.12	112	220095	5.251 ug/L	95
54) Ethylbenzene	10.23	91	361004	5.224 ug/L	97
55) m,p-xylene	10.34	106	137510	5.204 ug/L	96
56) o-xylene	10.68	106	132328	5.300 ug/L	86
57) Styrene	10.70	104	223331	5.418 ug/L	99
58) Isopropylbenzene	11.00	105	361749	5.403 ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	65730	5.175 ug/L	91
62) Bromoform	10.84	173	41769	4.841 ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	175978	4.995 ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	171695	4.824 ug/L	93
66) 1,2-Dichlorobenzene	12.37	146	160725	4.897 ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	12176	4.363 ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	134821	5.097 ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	113119	5.217 ug/L	97
70) Naphthalene	13.82	128	191181	5.216 ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	100395	5.124 ug/L	99

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

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