Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012320\
Data File : VV014379.D
Acq On : 23 Jan 2020 15:07
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00545

Quant Time: Jan 23 16:22:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 22 15:34:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	925755	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	389788	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	279666	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	242391	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.13	63	436000	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	3.94	46	742589	47.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.44%			
24) Chloroform-d	4.39	84	680487	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.07	65	321383	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.09	84	1308123	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.11	67	432972	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.35	98	1080423	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.66	79	163961	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.13	63	838975	57.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.30%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	310901	5.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	391697	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	397588	5.696	ug/L	98
3) Chloromethane	1.25	50	452823	6.527	ug/L	97
5) Vinyl chloride	1.32	62	369484	5.703	ug/L	99
6) Bromomethane	1.54	94	147930	4.024	ug/L	99
8) Chloroethane	1.60	64	188843	5.187	ug/L	99
9) Trichlorofluoromethane	1.77	101	436685	5.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	235998	5.696	ug/L	98
12) 1,1-Dichloroethene	2.14	96	225689	5.457	ug/L	99
13) Acetone	2.21	43	379165	35.385	ug/L	98
14) Carbon disulfide	2.32	76	976538	5.321	ug/L	100
15) Methyl Acetate	2.47	43	173833	6.969	ug/L #	84
16) Methylene chloride	2.53	84	343628	5.104	ug/L	93
17) Methyl tert-butyl Ether	2.80	73	730214	4.771	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	338399	5.443	ug/L	99
19) 1,1-Dichloroethane	3.23	63	638713	5.242	ug/L	98
21) 2-Butanone	4.03	43	735321	45.748	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	362665	5.321	ug/L #	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 22 15:34:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	133185	5.141 ug/L	95
25) Chloroform	4.42	83	614348	5.266 ug/L	98
27) 1,2-Dichloroethane	5.17	62	341728	4.896 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	541764	5.372 ug/L	99
30) Cyclohexane	4.72	56	649497	5.833 ug/L	97
31) Carbon tetrachloride	4.87	117	457804	5.301 ug/L	99
33) Benzene	5.14	78	1411991	5.412 ug/L	100
34) Trichloroethene	5.96	95	357359	5.330 ug/L	96
35) Methylcyclohexane	6.17	83	638568	5.825 ug/L	97
37) 1,2-Dichloropropane	6.22	63	348886	5.298 ug/L	99
38) Bromodichloromethane	6.55	83	431358	5.080 ug/L	95
39) cis-1,3-Dichloropropene	7.06	75	529735	4.968 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	2033245	48.979 ug/L	98
42) Toluene	7.42	91	1480272	5.375 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	405346	4.951 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	220034	5.230 ug/L	99
47) Tetrachloroethene	8.01	164	251035	5.481 ug/L	99
48) 2-Hexanone	8.18	43	1553191	54.093 ug/L	98
49) Dibromochloromethane	8.28	129	263248	4.950 ug/L	98
50) 1,2-Dibromoethane	8.39	107	204067	5.009 ug/L	95
51) Chlorobenzene	8.92	112	910976	5.379 ug/L	100
52) Ethylbenzene	9.05	91	1675069	5.437 ug/L	99
53) m,p-xylene	9.18	106	620098	5.456 ug/L	95
54) o-xylene	9.58	106	605862	5.420 ug/L	99
55) Styrene	9.60	104	999267	5.278 ug/L	100
56) Isopropylbenzene	9.97	105	1595724	5.473 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	267459	5.156 ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	197007	5.021 ug/L	97
61) Bromoform	9.77	173	129498	4.901 ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	651350	5.345 ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	649532	5.360 ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	592891	5.387 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45473	4.495 ug/L	89
67) 1,3,5-Trichlorobenzene	12.68	180	466170	5.261 ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	381336	4.906 ug/L	99
69) Naphthalene	13.54	128	704455	4.461 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	338342	4.947 ug/L	98

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

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