Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016396.D
Acq On : 31 May 2020 18:38
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00546

Quant Time: Jun 01 07:21:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	75317	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	73908	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36599	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30142	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.58	69	23314	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.13	63	54363	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	3.94	46	74392	52.29	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.58%			
24) Chloroform-d	4.38	84	54677	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.06	65	29435	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.08	84	104169	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.10	67	31889	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.34	98	97584	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
45) trans-1,3-Dichloropropene-	7.64	79	11747	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
48) 2-Hexanone-d5	8.12	63	54125	49.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.48%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24179	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	32537	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	32097	5.228	ug/L	100
3) Chloromethane	1.25	50	35880	4.772	ug/L	99
5) Vinyl chloride	1.32	62	33838	5.036	ug/L	98
6) Bromomethane	1.53	94	17408	4.612	ug/L	98
8) Chloroethane	1.60	64	20654	5.102	ug/L	100
9) Trichlorofluoromethane	1.77	101	48663	5.348	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	25411	4.981	ug/L	99
12) 1,1-Dichloroethene	2.14	96	24450	5.044	ug/L	85
13) Acetone	2.23	43	43451	45.404	ug/L	99
14) Carbon disulfide	2.31	76	74127	5.029	ug/L	97
15) Methyl Acetate	2.46	43	11283	4.698	ug/L	95
16) Methylene chloride	2.53	84	26218	5.056	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	60602	5.338	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	26699	5.189	ug/L	98
19) 1,1-Dichloroethane	3.21	63	52673	5.190	ug/L	99
21) 2-Butanone	4.03	43	77380	54.835	ug/L #	73
22) cis-1,2-Dichloroethene	3.94	96	28927	5.094	ug/L	94

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	12240	5.523 ug/L	95
25) Chloroform	4.41	83	54375	5.346 ug/L	99
27) 1,2-Dichloroethane	5.16	62	36841	5.492 ug/L	96
29) 1,1,1-Trichloroethane	4.63	97	46332	5.318 ug/L	99
30) Cyclohexane	4.70	56	49621	5.290 ug/L	99
31) Carbon tetrachloride	4.85	117	39786	5.304 ug/L	100
33) Benzene	5.13	78	116173	5.308 ug/L	100
34) Trichloroethene	5.94	95	29442	5.132 ug/L	96
35) Methylcyclohexane	6.15	83	48048	5.199 ug/L	99
37) 1,2-Dichloropropane	6.20	63	29391	5.312 ug/L	100
38) Bromodichloromethane	6.53	83	35152	5.283 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	38275	5.237 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	184804	55.305 ug/L	100
42) Toluene	7.41	91	127885	5.498 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	111459	5.402 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	113324	5.391 ug/L	100
46) trans-1,3-Dichloropropene	7.68	75	31755	5.259 ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	19327	5.461 ug/L	95
49) Tetrachloroethene	8.00	164	22305	5.300 ug/L	95
50) 2-Hexanone	8.16	43	133752	57.387 ug/L	99
51) Dibromochloromethane	8.27	129	20332	5.495 ug/L	94
52) 1,2-Dibromoethane	8.38	107	17969	5.372 ug/L	96
53) Chlorobenzene	8.90	112	76756	5.257 ug/L	98
54) Ethylbenzene	9.03	91	138455	5.397 ug/L	98
55) m,p-xylene	9.16	106	52967	5.516 ug/L	99
56) o-xylene	9.57	106	49174	5.437 ug/L	99
57) Styrene	9.58	104	85948	5.566 ug/L	98
58) Isopropylbenzene	9.95	105	132870	5.391 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	23934	5.361 ug/L	100
62) Bromoform	9.76	173	8425	5.450 ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	60036	5.325 ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	61253	5.255 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	55404	5.280 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3457	5.054 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	41052	5.057 ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	34431	4.941 ug/L	99
70) Naphthalene	13.53	128	64600	3.871 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	30951	4.978 ug/L	98

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

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