Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016352.D
Acq On : 30 May 2020 08:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Manual Integrations APPROVED
MMDadoda
6/1/2020 10:10:49 AM

Quant Time: Jun 01 01:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 00:52:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79103	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	74210	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	18956	3.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.60%			
7) Chloroethane-d5	1.58	69	17358	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%			
11) 1,1-Dichloroethene-d2	2.12	63	43097	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.96	46	39834	31.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 63.22%			
24) Chloroform-d	4.38	84	47401	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.06	65	25538	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.07	84	89601	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.10	67	29014	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.34	98	85777	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
45) trans-1,3-Dichloropropene-	7.65	79	8552	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
48) 2-Hexanone-d5	8.12	63	40303	41.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.90%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	19305	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	23086	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38987	5.599	ug/L	99
3) Chloromethane	1.25	50	37837	4.971	ug/L	100
5) Vinyl chloride	1.32	62	35474	5.121	ug/L	98
6) Bromomethane	1.53	94	15424	3.957	ug/L	96
8) Chloroethane	1.60	64	20319	5.250	ug/L	99
9) Trichlorofluoromethane	1.76	101	50564	5.645	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25502	5.224	ug/L	97
12) 1,1-Dichloroethene	2.13	96	24326	5.214	ug/L	95
13) Acetone	2.22	43	19713m	25.271	ug/L	
14) Carbon disulfide	2.31	76	70891	4.901	ug/L	100
15) Methyl Acetate	2.46	43	6803	3.413	ug/L	94
16) Methylene chloride	2.52	84	28133	5.259	ug/L	100
17) Methyl tert-butyl Ether	2.80	73	57269	4.985	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	26420	5.175	ug/L	98
19) 1,1-Dichloroethane	3.21	63	49438	5.097	ug/L	99
21) 2-Butanone	4.04	43	37009	26.670	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	30371	5.029	ug/L	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 00:52:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	11527	5.029 ug/L	85
25) Chloroform	4.40	83	58639	5.713 ug/L	99
27) 1,2-Dichloroethane	5.16	62	34530	5.145 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	48101	5.461 ug/L	99
30) Cyclohexane	4.69	56	48952	5.186 ug/L	97
31) Carbon tetrachloride	4.85	117	39979	5.357 ug/L	98
33) Benzene	5.12	78	118103	5.530 ug/L	100
34) Trichloroethene	5.94	95	31026	5.577 ug/L	98
35) Methylcyclohexane	6.15	83	46992	5.008 ug/L	98
37) 1,2-Dichloropropane	6.20	63	28803	5.499 ug/L	98
38) Bromodichloromethane	6.53	83	34226	5.311 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	35686	4.811 ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	154694	47.472 ug/L	99
42) Toluene	7.41	91	127657	5.481 ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	99054	4.672 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	98773	4.523 ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	28906	4.690 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	18247	5.297 ug/L	97
49) Tetrachloroethene	7.99	164	20787	5.204 ug/L	98
50) 2-Hexanone	8.17	43	95903	42.201 ug/L	99
51) Dibromochloromethane	8.27	129	18353	5.030 ug/L	99
52) 1,2-Dibromoethane	8.38	107	16824	5.198 ug/L	100
53) Chlorobenzene	8.90	112	76101	5.288 ug/L	98
54) Ethylbenzene	9.03	91	136286	5.250 ug/L	100
55) m,p-xylene	9.16	106	51044	5.244 ug/L	98
56) o-xylene	9.56	106	47021	5.069 ug/L	99
57) Styrene	9.58	104	82994	5.376 ug/L	99
58) Isopropylbenzene	9.95	105	127728	5.027 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	20362	4.755 ug/L	100
62) Bromoform	9.76	173	7231	5.376 ug/L #	96
63) 1,3-Dichlorobenzene	11.20	146	51288	5.373 ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	51540	5.313 ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	43149	5.001 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.46	75	1857	3.186 ug/L	97
68) 1,3,5-Trichlorobenzene	12.67	180	24540	3.633 ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	15884	2.678 ug/L	98
70) Naphthalene	13.53	128	23739	1.832 ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	11109	2.077 ug/L	98

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

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