Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040920\
Data File : VV015447.D
Acq On : 10 Apr 2020 03:07
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Manual Integrations APPROVED
apatel
4/10/2020 11:13:39 AM

Quant Time: Apr 10 07:38:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	123508	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59183	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	32468	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.57	69	28867	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.12	63	66545	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	3.97	46	119171	66.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.46%#			
24) Chloroform-d	4.38	84	71254	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.06	65	40822	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.08	84	136877	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.10	67	43377	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.00%			
41) Toluene-d8	7.34	98	129380	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
43) trans-1,3-Dichloropropene-	7.64	79	18313	5.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.80%			
46) 2-Hexanone-d5	8.12	63	104617	60.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.62%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35752	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	48825	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	57947	4.740	ug/L	99
3) Chloromethane	1.25	50	57604	4.948	ug/L	99
5) Vinyl chloride	1.32	62	55168	4.921	ug/L	99
6) Bromomethane	1.53	94	30946	4.995	ug/L	97
8) Chloroethane	1.59	64	31678	4.873	ug/L	97
9) Trichlorofluoromethane	1.76	101	69294	4.831	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	37468	4.625	ug/L	100
12) 1,1-Dichloroethene	2.13	96	37820	4.878	ug/L	92
13) Acetone	2.27	43	71793m	56.474	ug/L	
14) Carbon disulfide	2.30	76	127300	4.710	ug/L	99
15) Methyl Acetate	2.47	43	18114	4.816	ug/L	93
16) Methylene chloride	2.52	84	43723	4.814	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	108466	5.235	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	42208	4.831	ug/L	97
19) 1,1-Dichloroethane	3.21	63	80910	4.913	ug/L	99
21) 2-Butanone	4.05	43	119912	58.370	ug/L #	76
22) cis-1,2-Dichloroethene	3.94	96	44663	4.924	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	19285	5.110	ug/L		95
25) Chloroform	4.40	83	86017	5.104	ug/L		97
27) 1,2-Dichloroethane	5.16	62	54779	5.027	ug/L		100
29) 1,1,1-Trichloroethane	4.63	97	74984	4.829	ug/L		99
30) Cyclohexane	4.70	56	77853	4.722	ug/L		99
31) Carbon tetrachloride	4.85	117	63522	4.700	ug/L		99
33) Benzene	5.13	78	174689	4.877	ug/L		100
34) Trichloroethene	5.94	95	46414	4.814	ug/L		98
35) Methylcyclohexane	6.15	83	73898	4.549	ug/L		99
37) 1,2-Dichloropropane	6.20	63	45018	5.067	ug/L		99
38) Bromodichloromethane	6.53	83	56814	4.795	ug/L		95
39) cis-1,3-Dichloropropene	7.05	75	61215	4.490	ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	320126	54.873	ug/L		98
42) Toluene	7.41	91	187326	4.817	ug/L		99
44) trans-1,3-Dichloropropene	7.68	75	54659	4.741	ug/L		97
45) 1,1,2-Trichloroethane	7.86	97	30733	5.146	ug/L		98
47) Tetrachloroethene	8.00	164	33551	4.697	ug/L		98
48) 2-Hexanone	8.17	43	234367	57.496	ug/L		100
49) Dibromochloromethane	8.27	129	34933	4.883	ug/L		98
50) 1,2-Dibromoethane	8.38	107	29627	5.176	ug/L	#	98
51) Chlorobenzene	8.90	112	119710	4.829	ug/L		99
52) Ethylbenzene	9.04	91	217230	4.852	ug/L		100
53) m,p-xylene	9.16	106	81236	4.805	ug/L		99
54) o-xylene	9.57	106	78838	4.817	ug/L		97
55) Styrene	9.58	104	135556	4.928	ug/L		100
56) Isopropylbenzene	9.95	105	214091	4.771	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.26	83	39027	5.369	ug/L		98
59) 1,2,3-Trichloropropane	10.30	75	29531	5.376	ug/L		98
61) Bromoform	9.76	173	17158	4.943	ug/L		99
62) 1,3-Dichlorobenzene	11.20	146	93658	4.908	ug/L		97
63) 1,4-Dichlorobenzene	11.30	146	94537	4.869	ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	87545	5.032	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.45	75	7014	5.269	ug/L		97
67) 1,3,5-Trichlorobenzene	12.67	180	65482	4.749	ug/L		99
68) 1,2,4-trichlorobenzene	13.29	180	59613	4.800	ug/L		99
69) Naphthalene	13.53	128	122665	5.242	ug/L		100
70) 1,2,3-Trichlorobenzene	13.77	180	54585	4.975	ug/L		100

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

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