Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005529.D
Acq On : 08 May 2019 09:39
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02099

Manual Integrations APPROVED
Sohil
5/9/2019 2:35:50 PM

Quant Time: May 08 12:08:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	202854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	885182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	600087	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1509192	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1615998	20.00	ng/ul	0.02
85) Perylene-d12	23.48	264	1593364	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	26931	6.41	ng/uL	0.00
5) Phenol-d5	6.77	99	282509	17.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	159292	16.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	231348	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	233252	18.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	121385	22.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	134326	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	258783	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	275934	21.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	792447	18.19	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1005734	18.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	126264	18.36	ng/ul	0.00
57) Fluorene-d10	15.22	176	703474	19.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	125427	18.48	ng/ul	0.00
70) Anthracene-d10	17.08	188	1169635	18.49	ng/ul	0.00
78) Pyrene-d10	19.39	212	1383965	16.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1253712	18.00	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	28457	6.297	ng/uL	95
4) Benzaldehyde	6.75	77	197991	17.536	ng/ul	95
6) Phenol	6.80	94	289474	17.664	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	222593	16.964	ng/ul	95
10) 2-Chlorophenol	7.16	128	235204	18.659	ng/ul	92
11) 2-Methylphenol	8.03	108	227918	18.560	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	312222	14.171	ng/ul#	94
14) Acetophenone	8.40	105	383173	19.224	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.38	70	185880	17.434	ng/ul#	91
16) 4-Methylphenol	8.35	108	246141	18.560	ng/ul	94
17) Hexachloroethane	8.65	117	99896	18.250	ng/ul#	88
20) Nitrobenzene	8.77	77	276797	18.461	ng/ul	95
21) Isophorone	9.29	82	539150	18.161	ng/ul	95
23) 2-Nitrophenol	9.47	139	140662	22.474	ng/ul	95
24) 2,4-Dimethylphenol	9.54	107	288219	18.391	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	317207	17.003	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	246833	19.755	ng/ul	97
28) Naphthalene	10.40	128	783133	19.031	ng/ul	99
30) 4-Chloroaniline	10.51	127	283261	21.300	ng/ul	99
31) Hexachlorobutadiene	10.68	225	178130	20.188	ng/ul	99
32) Caprolactam	11.26	113	85617	22.647	ng/ul#	74
33) 4-Chloro-3-methylphenol	11.65	107	274140	19.485	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	587837	19.509	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	345573	18.608 ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	165121	13.041 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	214094	19.118 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	224847	18.685 ng/ul	99
40) 1,1'-Biphenyl	13.05	154	787920	17.622 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	626355	18.214 ng/ul	95
42) 2-Nitroaniline	13.30	65	177858	19.500 ng/ul	88
44) Dimethylphthalate	13.69	163	792904	18.267 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	169921	22.672 ng/ul	88
47) Acenaphthylene	13.94	152	982650	18.689 ng/ul	99
48) 3-Nitroaniline	14.14	138	154484	22.172 ng/ul	87
49) Acenaphthene	14.29	153	664874	18.522 ng/ul	100
50) 2,4-Dinitrophenol	14.36	184	58072	15.907 ng/ul	92
52) 4-Nitrophenol	14.46	109	105107	16.835 ng/ul	89
53) Dibenzofuran	14.62	168	982684	19.014 ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	250308	23.167 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	212266	21.204 ng/ul	94
56) Diethylphthalate	15.06	149	795689	18.282 ng/ul	98
58) Fluorene	15.28	166	792890	19.661 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	419747	19.621 ng/ul	97
60) 4-Nitroaniline	15.30	138	195975	22.562 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.37	198	129804	17.968 ng/ul	91
64) N-Nitrosodiphenylamine	15.49	169	698530	16.911 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	273037	17.958 ng/ul	95
66) Hexachlorobenzene	16.29	284	305915	18.896 ng/ul#	91
67) Atrazine	16.46	200	277586	18.051 ng/ul	99
68) Pentachlorophenol	16.64	266	158541	16.724 ng/ul	98
69) Phenanthrene	17.02	178	1329295	18.086 ng/ul	100
71) Anthracene	17.11	178	1393941	18.617 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	357429	16.214 ng/uL	98
73) Pentachlorobenzene	14.55	250	340968	17.186 ng/uL	98
74) Carbazole	17.39	167	1217258	18.925 ng/ul	99
75) Di-n-butylphthalate	17.96	149	1453386	18.009 ng/ul	99
76) Fluoranthene	19.06	202	1676829	20.568 ng/ul	96
79) Pyrene	19.43	202	1742809	16.750 ng/ul#	94
80) Butylbenzylphthalate	20.36	149	708128	17.190 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.16	252	582152	18.031 ng/ul#	98
82) Benzo(a)anthracene	21.23	228	1773288	17.639 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1062534	16.750 ng/ul#	98
84) Chrysene	21.28	228	1682246	18.030 ng/ul	99
86) Di-n-octyl phthalate	22.08	149	1870573	19.168 ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1643409	18.348 ng/ul#	98
88) Benzo(k)fluoranthene	22.87	252	1566551m	18.313 ng/ul	
90) Benzo(a)pyrene	23.39	252	1485871	17.649 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.69	276	1498080	16.094 ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	1263648	15.997 ng/ul#	95
93) Benzo(g,h,i)perylene	26.36	276	1204739	15.653 ng/ul#	93

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

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