Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114807.D
Acq On : 5 Jun 2019 8:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 05 11:39:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	329211	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1335490	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	667008	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1322088	20.00	ng		0.00
76) Chrysene-d12	13.79	240	844739	20.00	ng		0.00
87) Perylene-d12	15.17	264	1022711	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1630470	86.54	ng		0.00
7) Phenol-d6	6.30	99	1984176	86.55	ng		0.00
23) Nitrobenzene-d5	7.23	82	1798763	82.91	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	614699	85.52	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3153461	88.56	ng		0.00
79) Terphenyl-d14	12.75	244	3239056	74.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	385903	42.900	ng		99
3) Pyridine	2.96	79	1047657	42.378	ng		99
4) n-Nitrosodimethylamine	2.90	42	380677	42.074	ng		96
6) Aniline	6.33	93	1380496	42.438	ng		97
8) 2-Chlorophenol	6.45	128	928424	42.650	ng		99
9) Benzaldehyde	6.21	77	680586	42.798	ng		98
10) Phenol	6.32	94	1127562	43.010	ng		90
11) bis(2-Chloroethyl)ether	6.41	93	843074	41.205	ng		99
12) 1,3-Dichlorobenzene	6.61	146	1075173	42.387	ng		100
13) 1,4-Dichlorobenzene	6.69	146	1084248	42.480	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1009242	43.783	ng		99
15) Benzyl Alcohol	6.81	79	754331	43.511	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1194659	40.826	ng		100
17) 2-Methylphenol	6.93	107	768310	41.291	ng		99
18) Hexachloroethane	7.19	117	391324	40.734	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	605199	39.880	ng		98
20) 3+4-Methylphenols	7.08	107	885712	43.157	ng	#	81
22) Acetophenone	7.08	105	1217728	41.415	ng	#	99
24) Nitrobenzene	7.25	77	941168	41.876	ng		97
25) Isophorone	7.49	82	1676804	39.096	ng		99
26) 2-Nitrophenol	7.56	139	499295	41.017	ng	#	91
27) 2,4-Dimethylphenol	7.61	122	755274	40.822	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1103067	40.234	ng		99
29) 2,4-Dichlorophenol	7.81	162	798775	41.036	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	928437	41.570	ng		98
31) Naphthalene	7.97	128	2590086	43.079	ng		99
32) Benzoic acid	7.73	122	492031	36.514	ng		99
33) 4-Chloroaniline	8.02	127	1217635	42.452	ng		99
34) Hexachlorobutadiene	8.10	225	518107	40.803	ng		99
35) Caprolactam	8.39	113	272294	42.823	ng		92
36) 4-Chloro-3-methylphenol	8.50	107	803900	41.504	ng		99
37) 2-Methylnaphthalene	8.66	142	1761683	42.244	ng		99
38) 1-Methylnaphthalene	8.76	142	1679282	42.461	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	804453	41.850	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	437202	37.502	ng		100
43) 2,4,6-Trichlorophenol	8.94	196	612637	40.988	ng		98
44) 2,4,5-Trichlorophenol	8.97	196	621648	41.297	ng		99
46) 1,1'-Biphenyl	9.13	154	2104806	42.577	ng		98
47) 2-Chloronaphthalene	9.15	162	1775285	42.262	ng		99
48) 2-Nitroaniline	9.24	65	533195	42.534	ng		95
49) Acenaphthylene	9.56	152	2638576	43.315	ng		99
50) Dimethylphthalate	9.43	163	2023299	41.533	ng		99
51) 2,6-Dinitrotoluene	9.48	165	477566	41.684	ng		91
52) Acenaphthene	9.73	154	1679047	42.077	ng		98
53) 3-Nitroaniline	9.65	138	591659	44.207	ng		95
54) 2,4-Dinitrophenol	9.75	184	200793	38.731	ng		97
55) Dibenzofuran	9.90	168	2298499	41.423	ng		96
56) 4-Nitrophenol	9.80	139	430773	43.925	ng		98
57) 2,4-Dinitrotoluene	9.88	165	640665	44.483	ng		90
58) Fluorene	10.25	166	1672709	47.558	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	518329	42.029	ng		100
60) Diethylphthalate	10.13	149	2034389	41.617	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	835941	39.334	ng		97
62) 4-Nitroaniline	10.26	138	576637	44.421	ng		99
63) Azobenzene	10.40	77	1759675	42.289	ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	266090	38.745	ng		89
66) n-Nitrosodiphenylamine	10.36	169	1612247	40.329	ng		100
67) 4-Bromophenyl-phenylether	10.72	248	591738	39.408	ng		100
68) Hexachlorobenzene	10.79	284	652331	39.695	ng		99
69) Atrazine	10.89	200	585372	42.102	ng		97
70) Pentachlorophenol	10.98	266	395821	41.665	ng		99
71) Phenanthrene	11.19	178	2687442	42.580	ng		99
72) Anthracene	11.25	178	2702562	40.688	ng		99
73) Carbazole	11.40	167	2485190	43.646	ng		100
74) Di-n-butylphthalate	11.75	149	2938623	39.238	ng		99
75) Fluoranthene	12.37	202	2754683	41.934	ng		98
77) Benzidine	12.50	184	1794389	42.909	ng		98
78) Pyrene	12.60	202	2816747	38.437	ng		100
80) Butylbenzylphthalate	13.23	149	1337804	36.151	ng		98
81) Benzo(a)anthracene	13.78	228	2539610	39.014	ng		99
82) 3,3'-Dichlorobenzidine	13.75	252	1038822	39.356	ng	#	97
83) Chrysene	13.82	228	2447402	38.648	ng		99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1640852	35.066	ng		99
85) Di-n-octyl phthalate	14.40	149	2814827	35.402	ng		99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2689797	37.227	ng		99
88) Benzo(b)fluoranthene	14.79	252	2610918	40.102	ng		99
89) Benzo(k)fluoranthene	14.82	252	2234878	40.421	ng		99
90) Benzo(a)pyrene	15.12	252	2324982	41.257	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	2155600	40.392	ng		98
92) Benzo(g,h,i)perylene	16.87	276	2163351	40.311	ng		99

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

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