Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115141.D
Acq On : 24 Jun 2019 10:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 15:41:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	245082	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1020561	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	512280	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1005432	20.00	ng		0.00
76) Chrysene-d12	13.74	240	725405	20.00	ng		-0.01
87) Perylene-d12	15.10	264	890661	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1265372	79.67	ng		0.00
7) Phenol-d6	6.25	99	1560759	80.97	ng		0.00
23) Nitrobenzene-d5	7.18	82	1405659	84.73	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	472076	87.39	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2507775	83.15	ng		0.00
79) Terphenyl-d14	12.69	244	2623567	76.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	297096	39.637	ng		99
3) Pyridine	2.84	79	827380	39.165	ng		99
4) n-Nitrosodimethylamine	2.78	42	313211	37.819	ng		98
6) Aniline	6.28	93	1101779	41.587	ng		99
8) 2-Chlorophenol	6.40	128	714683	40.020	ng		98
9) Benzaldehyde	6.15	77	418257	33.258	ng		99
10) Phenol	6.27	94	876722	38.827	ng		93
11) bis(2-Chloroethyl)ether	6.35	93	674853	40.545	ng		98
12) 1,3-Dichlorobenzene	6.55	146	822106	41.480	ng		99
13) 1,4-Dichlorobenzene	6.63	146	823461	41.434	ng		99
14) 1,2-Dichlorobenzene	6.79	146	764738	41.551	ng		97
15) Benzyl Alcohol	6.76	79	568072	40.471	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	992551	41.115	ng		100
17) 2-Methylphenol	6.88	107	591524	40.129	ng		100
18) Hexachloroethane	7.13	117	295106	41.187	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	486482	39.420	ng		100
20) 3+4-Methylphenols	7.03	107	682150	40.078	ng		89
22) Acetophenone	7.03	105	939995	40.233	ng	#	98
24) Nitrobenzene	7.20	77	741396	40.564	ng		99
25) Isophorone	7.44	82	1346243	39.612	ng		100
26) 2-Nitrophenol	7.51	139	381251	42.239	ng		97
27) 2,4-Dimethylphenol	7.56	122	584344	39.540	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	878002	40.874	ng		98
29) 2,4-Dichlorophenol	7.75	162	614023	40.261	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	706953	41.965	ng		99
31) Naphthalene	7.92	128	2012625	40.175	ng		99
32) Benzoic acid	7.68	122	451886	42.837	ng		99
33) 4-Chloroaniline	7.97	127	952672	41.610	ng		98
34) Hexachlorobutadiene	8.05	225	398528	43.169	ng		98
35) Caprolactam	8.34	113	206881	40.347	ng		96
36) 4-Chloro-3-methylphenol	8.45	107	616460	39.913	ng		99
37) 2-Methylnaphthalene	8.61	142	1371900	40.615	ng		98
38) 1-Methylnaphthalene	8.71	142	1313678	40.721	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	622467	42.999	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	354035	41.244 ng		99
43) 2,4,6-Trichlorophenol	8.88	196	464067	41.523 ng		100
44) 2,4,5-Trichlorophenol	8.92	196	479328	41.647 ng		98
46) 1,1'-Biphenyl	9.07	154	1645960	40.155 ng		99
47) 2-Chloronaphthalene	9.10	162	1371195	41.240 ng		98
48) 2-Nitroaniline	9.18	65	412838	42.589 ng		98
49) Acenaphthylene	9.51	152	2052264	39.617 ng		100
50) Dimethylphthalate	9.38	163	1571039	41.684 ng		100
51) 2,6-Dinitrotoluene	9.43	165	359488	41.314 ng		100
52) Acenaphthene	9.68	154	1329500	41.014 ng		99
53) 3-Nitroaniline	9.60	138	441223	41.552 ng		100
54) 2,4-Dinitrophenol	9.70	184	176176	43.079 ng		91
55) Dibenzofuran	9.85	168	1814345	38.997 ng		100
56) 4-Nitrophenol	9.75	139	335672	39.431 ng		92
57) 2,4-Dinitrotoluene	9.83	165	480807	42.795 ng		99
58) Fluorene	10.19	166	1269532	40.295 ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	398579	41.300 ng		99
60) Diethylphthalate	10.08	149	1573375	41.529 ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	643167	43.459 ng		97
62) 4-Nitroaniline	10.20	138	443814	41.663 ng		97
63) Azobenzene	10.34	77	1417895	40.069 ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	223578	42.434 ng		95
66) n-Nitrosodiphenylamine	10.30	169	1271622	40.596 ng		99
67) 4-Bromophenyl-phenylether	10.67	248	462336	42.413 ng		94
68) Hexachlorobenzene	10.74	284	508712	42.993 ng		98
69) Atrazine	10.83	200	400556	39.752 ng		100
70) Pentachlorophenol	10.92	266	314935	41.780 ng		98
71) Phenanthrene	11.14	178	2096039	38.719 ng		100
72) Anthracene	11.19	178	2131691	39.010 ng		98
73) Carbazole	11.34	167	1926319	39.477 ng		99
74) Di-n-butylphthalate	11.69	149	2387950	42.350 ng		99
75) Fluoranthene	12.32	202	2177694	40.319 ng		98
77) Benzidine	12.44	184	1088251	33.785 ng		99
78) Pyrene	12.54	202	2225763	39.926 ng		98
80) Butylbenzylphthalate	13.18	149	1081133	43.945 ng		97
81) Benzo(a)anthracene	13.72	228	2139748	41.109 ng		100
82) 3,3'-Dichlorobenzidine	13.69	252	830687	44.194 ng		99
83) Chrysene	13.77	228	1957212	41.050 ng		99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1461846	45.348 ng	#	98
85) Di-n-octyl phthalate	14.35	149	2456947	45.362 ng		99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2498454	44.284 ng		99
88) Benzo(b)fluoranthene	14.73	252	2140507	38.516 ng		98
89) Benzo(k)fluoranthene	14.76	252	2033492	40.802 ng		99
90) Benzo(a)pyrene	15.05	252	2033009	40.587 ng		98
91) Dibenzo(a,h)anthracene	16.40	278	2007620	42.932 ng		99
92) Benzo(g,h,i)perylene	16.77	276	2031798	42.929 ng		99

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

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