Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101950.D
Acq On : 9 Jan 2018 13:57
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Jan 09 14:24:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 13:07:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222197	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	926615	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	401424	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	654548	20.00	ng		0.00
75) Chrysene-d12	13.88	240	340921	20.00	ng		0.00
86) Perylene-d12	15.29	264	306491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	2149530	144.10	ng		0.00
7) Phenol-d6	6.37	99	2513084	135.37	ng		0.02
23) Nitrobenzene-d5	7.30	82	2310838	138.82	ng		0.01
41) 2,4,6-Tribromophenol	10.56	330	480754	124.29	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	3251581	125.65	ng		0.00
78) Terphenyl-d14	12.84	244	2416498	170.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	576215	75.177	ng		94
3) Pyridine	3.10	79	1626688	76.386	ng		93
4) n-Nitrosodimethylamine	3.08	42	685698	69.932	ng		96
6) Aniline	6.40	93	1852491	71.806	ng		99
8) 2-Chlorophenol	6.52	128	1062861	67.735	ng		98
9) Benzaldehyde	6.28	77	870672	63.505	ng		100
10) Phenol	6.38	94	1407688	66.529	ng		83
11) bis(2-Chloroethyl)ether	6.47	93	1088148	65.562	ng		94
12) 1,3-Dichlorobenzene	6.67	146	1233033	69.624	ng		98
13) 1,4-Dichlorobenzene	6.75	146	1232859	68.171	ng		98
14) 1,2-Dichlorobenzene	6.90	146	1080547	66.378	ng		99
15) Benzyl Alcohol	6.88	79	878355	68.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	2084501	82.063	ng		98
17) 2-Methylphenol	6.98	107	1021748	70.788	ng		98
18) Hexachloroethane	7.24	117	458789	72.966	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	871036	71.445	ng		94
20) 3+4-Methylphenols	7.15	107	1052816	68.832	ng	#	70
22) Acetophenone	7.15	105	1436268	67.931	ng	#	87
24) Nitrobenzene	7.32	77	1210538	65.708	ng		100
25) Isophorone	7.56	82	2281706	68.329	ng		99
26) 2-Nitrophenol	7.63	139	584522	73.851	ng		96
27) 2,4-Dimethylphenol	7.67	122	932536	69.353	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	1290121	60.820	ng		99
29) 2,4-Dichlorophenol	7.87	162	898018	67.600	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	894887	63.834	ng		99
31) Naphthalene	8.04	128	3033435	65.027	ng		99
32) Benzoic acid	7.83	122	831987	103.755	ng		98
33) 4-Chloroaniline	8.09	127	1314846	64.849	ng		97
34) Hexachlorobutadiene	8.15	225	476128	58.722	ng		98
35) Caprolactam	8.49	113	317272	68.782	ng		90
36) 4-Chloro-3-methylphenol	8.57	107	976541	66.882	ng		98
37) 2-Methylnaphthalene	8.73	142	1983004	65.246	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	739848	54.589	ng		98
40) Hexachlorocyclopentadiene	8.88	237	470957	265.673	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	568922	69.726	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	631185	70.650	ng		95
45) 1,1'-Biphenyl	9.20	154	2246763	63.111	ng		99
46) 2-Chloronaphthalene	9.22	162	1805857	66.295	ng		99
47) 2-Nitroaniline	9.32	65	641654	68.188	ng		95
48) Acenaphthylene	9.63	152	2818357	65.506	ng		99
49) Dimethylphthalate	9.50	163	2188355	67.774	ng		99
50) 2,6-Dinitrotoluene	9.56	165	489614	74.608	ng		98
51) Acenaphthene	9.80	154	1761264	68.136	ng		98
52) 3-Nitroaniline	9.73	138	600133	73.349	ng		95
53) 2,4-Dinitrophenol	9.83	184	196693	112.266	ng	#	21
54) Dibenzofuran	9.97	168	2287797	69.644	ng		96
55) 4-Nitrophenol	9.88	139	473721	132.783	ng		95
56) 2,4-Dinitrotoluene	9.96	165	598463	80.941	ng		94
57) Fluorene	10.32	166	1622129	58.373	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	439460	68.466	ng		98
59) Diethylphthalate	10.20	149	2102610	65.757	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	682147	51.219	ng		97
61) 4-Nitroaniline	10.35	138	576130	70.055	ng		94
62) Azobenzene	10.47	77	2099329	63.379	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	294334	88.118	ng		94
65) n-Nitrosodiphenylamine	10.43	169	1654879	68.472	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	479155	65.150	ng		99
67) Hexachlorobenzene	10.86	284	517233	66.448	ng		97
68) Atrazine	10.96	200	485249	67.334	ng		98
69) Pentachlorophenol	11.04	266	354639	137.875	ng		98
70) Phenanthrene	11.27	178	2479125	68.107	ng		99
71) Anthracene	11.33	178	2515558	67.655	ng		98
72) Carbazole	11.48	167	2466070	70.840	ng		98
73) Di-n-butylphthalate	11.82	149	2980274	70.535	ng		99
74) Fluoranthene	12.46	202	2365101	61.902	ng		98
76) Benzidine	12.59	184	1195603	83.035	ng	#	90
77) Pyrene	12.69	202	2375123	92.829	ng		99
79) Butylbenzylphthalate	13.31	149	1128173	97.449	ng		95
80) Benzo(a)anthracene	13.87	228	1522797	67.645	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	567262	77.281	ng		97
82) Chrysene	13.91	228	1629273	76.654	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1159509	79.073	ng		100
84) Di-n-octyl phthalate	14.48	149	2025331	77.447	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	1513351	79.955	ng		94
87) Benzo(b)fluoranthene	14.89	252	1374400	73.571	ng	#	96
88) Benzo(k)fluoranthene	14.92	252	1359825	74.866	ng		99
89) Benzo(a)pyrene	15.24	252	1321948	76.762	ng	#	97
90) Dibenzo(a,h)anthracene	16.70	278	1222293	82.665	ng	#	95
91) Benzo(g,h,i)perylene	17.10	276	1310353	89.496	ng		94

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

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