Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101979.D
Acq On : 10 Jan 2018 14:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 11 01:51:06 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 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194520	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	819732	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	357780	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	618235	20.00	ng		0.00
75) Chrysene-d12	13.89	240	433694	20.00	ng		0.00
86) Perylene-d12	15.30	264	354362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1034274	75.08	ng		0.01
7) Phenol-d6	6.37	99	1239482	75.42	ng		0.02
23) Nitrobenzene-d5	7.30	82	1113529	79.83	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	253066	81.05	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1816076	79.30	ng		0.00
78) Terphenyl-d14	12.84	244	1491722	71.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	258041	37.535	ng		95
3) Pyridine	3.11	79	715822	38.129	ng		92
4) n-Nitrosodimethylamine	3.06	42	297007	37.779	ng		95
6) Aniline	6.40	93	862279	37.228	ng		99
8) 2-Chlorophenol	6.52	128	530776	38.418	ng		99
9) Benzaldehyde	6.28	77	431711	37.830	ng		98
10) Phenol	6.38	94	689490	37.121	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	536464	37.947	ng		97
12) 1,3-Dichlorobenzene	6.67	146	611980	38.426	ng		99
13) 1,4-Dichlorobenzene	6.75	146	610325	38.404	ng		99
14) 1,2-Dichlorobenzene	6.90	146	559627	38.046	ng		97
15) Benzyl Alcohol	6.87	79	450071	37.437	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	965363	37.042	ng		97
17) 2-Methylphenol	6.99	107	478361	38.382	ng		99
18) Hexachloroethane	7.24	117	223132	39.871	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	386539	35.888	ng		92
20) 3+4-Methylphenols	7.15	107	545095	36.426	ng	#	67
22) Acetophenone	7.15	105	721465	36.528	ng	#	87
24) Nitrobenzene	7.32	77	593720	39.609	ng		98
25) Isophorone	7.56	82	1028392	37.310	ng		99
26) 2-Nitrophenol	7.63	139	289876	46.204	ng		93
27) 2,4-Dimethylphenol	7.67	122	440345	37.582	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	619112	37.200	ng		99
29) 2,4-Dichlorophenol	7.87	162	433107	38.929	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	454005	39.013	ng		99
31) Naphthalene	8.03	128	1552295	37.897	ng		99
32) Benzoic acid	7.80	122	353932	39.835	ng		97
33) 4-Chloroaniline	8.09	127	670569	38.356	ng		98
34) Hexachlorobutadiene	8.15	225	239195	38.831	ng		99
35) Caprolactam	8.47	113	150219	39.330	ng		96
36) 4-Chloro-3-methylphenol	8.57	107	468954	38.507	ng		99
37) 2-Methylnaphthalene	8.73	142	1010787	37.484	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	399919	39.510	ng		99
40) Hexachlorocyclopentadiene	8.87	237	239478	43.262	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	283513	40.646	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	315988	40.082	ng		98
45) 1,1'-Biphenyl	9.19	154	1190048	37.631	ng		99
46) 2-Chloronaphthalene	9.22	162	948745	38.688	ng		99
47) 2-Nitroaniline	9.32	65	325251	44.277	ng		98
48) Acenaphthylene	9.63	152	1486592	38.198	ng		99
49) Dimethylphthalate	9.50	163	1094456	38.133	ng		100
50) 2,6-Dinitrotoluene	9.56	165	240752	41.993	ng		92
51) Acenaphthene	9.80	154	867358	36.719	ng		100
52) 3-Nitroaniline	9.73	138	299686	41.418	ng		96
53) 2,4-Dinitrophenol	9.83	184	95597	47.568	ng	#	20
54) Dibenzofuran	9.97	168	1217697	37.561	ng		99
55) 4-Nitrophenol	9.89	139	225745	41.865	ng		94
56) 2,4-Dinitrotoluene	9.96	165	320665	44.625	ng		96
57) Fluorene	10.32	166	904053	40.340	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	221841	39.526	ng		100
59) Diethylphthalate	10.19	149	1085469	38.020	ng		100
60) 4-Chlorophenyl-phenylether	10.31	204	389346	40.799	ng		99
61) 4-Nitroaniline	10.34	138	298289	43.439	ng		93
62) Azobenzene	10.47	77	1071802	37.732	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	153246	45.919	ng		94
65) n-Nitrosodiphenylamine	10.43	169	860610	37.175	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	252215	38.631	ng		96
67) Hexachlorobenzene	10.86	284	273344	38.351	ng		99
68) Atrazine	10.96	200	265179	39.636	ng		99
69) Pentachlorophenol	11.05	266	169235	38.938	ng		98
70) Phenanthrene	11.27	178	1351882	37.435	ng		98
71) Anthracene	11.33	178	1368061	37.353	ng		100
72) Carbazole	11.48	167	1367085	37.975	ng		99
73) Di-n-butylphthalate	11.82	149	1665124	37.701	ng		100
74) Fluoranthene	12.46	202	1362729	38.354	ng		98
76) Benzidine	12.59	184	745919	35.617	ng		96
77) Pyrene	12.69	202	1394389	36.373	ng		99
79) Butylbenzylphthalate	13.32	149	697588	39.651	ng		96
80) Benzo(a)anthracene	13.87	228	1000299	36.150	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	403080	39.342	ng		99
82) Chrysene	13.91	228	1064165	36.882	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	783049	38.799	ng		99
84) Di-n-octyl phthalate	14.49	149	1343793	40.124	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	759525	36.167	ng		94
87) Benzo(b)fluoranthene	14.90	252	884932	38.299	ng		99
88) Benzo(k)fluoranthene	14.93	252	856573	38.430	ng		100
89) Benzo(a)pyrene	15.24	252	808538	38.887	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	630699	38.011	ng		98
91) Benzo(g,h,i)perylene	17.10	276	632579	37.847	ng		94

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

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