Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102147.D
Acq On : 17 Jan 2018 12:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 17 15:34:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130179	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	547029	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	253033	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	453570	20.00	ng		0.00
75) Chrysene-d12	13.87	240	347164	20.00	ng		0.00
86) Perylene-d12	15.29	264	290674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	679811	73.74	ng		0.00
7) Phenol-d6	6.36	99	825716	75.07	ng		0.00
23) Nitrobenzene-d5	7.29	82	769226	82.63	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	212223	96.11	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1415488	87.39	ng		0.00
78) Terphenyl-d14	12.83	244	1240778	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	157686	34.274	ng		97
3) Pyridine	3.09	79	426979	33.984	ng		95
4) n-Nitrosodimethylamine	3.05	42	179014	34.024	ng		87
6) Aniline	6.39	93	560730	36.174	ng		99
8) 2-Chlorophenol	6.50	128	367493	39.746	ng		98
9) Benzaldehyde	6.27	77	247358	32.389	ng		94
10) Phenol	6.37	94	447063	35.966	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	342672	36.219	ng		96
12) 1,3-Dichlorobenzene	6.66	146	419688	39.376	ng		99
13) 1,4-Dichlorobenzene	6.74	146	428268	40.268	ng		100
14) 1,2-Dichlorobenzene	6.89	146	404877	41.129	ng		99
15) Benzyl Alcohol	6.87	79	308861	38.388	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	591097	33.892	ng		99
17) 2-Methylphenol	6.98	107	317132	38.022	ng		98
18) Hexachloroethane	7.23	117	152849	40.812	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	264428	36.685	ng		99
20) 3+4-Methylphenols	7.14	107	383886	38.332	ng	#	63
22) Acetophenone	7.14	105	512908	38.915	ng	#	91
24) Nitrobenzene	7.31	77	390236	39.012	ng		98
25) Isophorone	7.55	82	685909	37.291	ng		98
26) 2-Nitrophenol	7.62	139	208680	49.844	ng		99
27) 2,4-Dimethylphenol	7.66	122	296701	37.946	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	414701	37.340	ng		100
29) 2,4-Dichlorophenol	7.86	162	310680	41.846	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	324312	41.761	ng		99
31) Naphthalene	8.03	128	1094080	40.026	ng		100
32) Benzoic acid	7.80	122	231963	39.123	ng		94
33) 4-Chloroaniline	8.08	127	460081	39.436	ng		99
34) Hexachlorobutadiene	8.14	225	179309	43.620	ng		98
35) Caprolactam	8.46	113	102620	40.262	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	332217	40.878	ng		97
37) 2-Methylnaphthalene	8.72	142	733578	40.766	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	308572	43.106	ng		100
40) Hexachlorocyclopentadiene	8.87	237	178038	45.477	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	210374	42.646	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	240283	43.097	ng		96
45) 1,1'-Biphenyl	9.19	154	886554	39.640	ng		97
46) 2-Chloronaphthalene	9.21	162	708315	40.841	ng		97
47) 2-Nitroaniline	9.30	65	223724	43.064	ng		94
48) Acenaphthylene	9.62	152	1081728	39.302	ng		100
49) Dimethylphthalate	9.49	163	837610	41.265	ng		100
50) 2,6-Dinitrotoluene	9.55	165	183145	45.169	ng		98
51) Acenaphthene	9.79	154	639437	38.276	ng		100
52) 3-Nitroaniline	9.72	138	219420	42.879	ng		87
53) 2,4-Dinitrophenol	9.82	184	87379	58.946	ng	#	23
54) Dibenzofuran	9.96	168	918341	40.054	ng		96
55) 4-Nitrophenol	9.88	139	161075	42.238	ng		90
56) 2,4-Dinitrotoluene	9.95	165	236407	46.518	ng		97
57) Fluorene	10.31	166	711286	44.877	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	171483	43.202	ng		100
59) Diethylphthalate	10.19	149	820462	40.634	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	313376	46.433	ng		96
61) 4-Nitroaniline	10.33	138	212528	43.762	ng		95
62) Azobenzene	10.46	77	743188	36.995	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	130065	52.233	ng		82
65) n-Nitrosodiphenylamine	10.42	169	647180	38.104	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	196909	41.109	ng		99
67) Hexachlorobenzene	10.85	284	216352	41.375	ng		95
68) Atrazine	10.95	200	206473	42.065	ng		99
69) Pentachlorophenol	11.05	266	138501	43.436	ng		99
70) Phenanthrene	11.27	178	1041378	39.305	ng		99
71) Anthracene	11.32	178	1070329	39.833	ng		100
72) Carbazole	11.47	167	1032518	39.094	ng		99
73) Di-n-butylphthalate	11.80	149	1301357	40.162	ng		99
74) Fluoranthene	12.45	202	1055645	40.497	ng		98
76) Benzidine	12.57	184	507760	30.288	ng		99
77) Pyrene	12.68	202	1086342	35.401	ng		99
79) Butylbenzylphthalate	13.30	149	542606	38.529	ng		99
80) Benzo(a)anthracene	13.86	228	837653	37.817	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	318905	38.884	ng		99
82) Chrysene	13.90	228	863126	37.371	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	684947	42.397	ng		99
84) Di-n-octyl phthalate	14.47	149	1102699	41.132	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	621262	36.957	ng		99
87) Benzo(b)fluoranthene	14.89	252	766864	40.462	ng		99
88) Benzo(k)fluoranthene	14.92	252	724242	39.612	ng		99
89) Benzo(a)pyrene	15.23	252	682418	40.013	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	512556	37.659	ng		99
91) Benzo(g,h,i)perylene	17.08	276	495108	36.113	ng		98

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

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