Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103840.D
Acq On : 22 Mar 2018 9:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 22 11:56:48 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	186312	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	742387	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	347575	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	620773	20.00	ng		0.00
75) Chrysene-d12	14.16	240	476695	20.00	ng		0.00
86) Perylene-d12	15.70	264	428050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	911254	74.39	ng		0.00
7) Phenol-d6	6.60	99	1133392	75.63	ng		0.00
23) Nitrobenzene-d5	7.54	82	1001981	94.12	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	290554	97.22	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1603748	73.60	ng		0.00
78) Terphenyl-d14	13.10	244	1575994	76.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	218742	36.266	ng	#	90
3) Pyridine	3.62	79	609138	36.717	ng		87
4) n-Nitrosodimethylamine	3.58	42	198875	32.512	ng	#	76
6) Aniline	6.64	93	813607	38.021	ng		98
8) 2-Chlorophenol	6.76	128	501490	39.081	ng		92
9) Benzaldehyde	6.53	77	342234	34.761	ng		99
10) Phenol	6.61	94	596110	37.433	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	492249	37.445	ng		95
12) 1,3-Dichlorobenzene	6.92	146	560317	38.339	ng		99
13) 1,4-Dichlorobenzene	6.99	146	559255	38.081	ng		100
14) 1,2-Dichlorobenzene	7.15	146	516790	37.922	ng		99
15) Benzyl Alcohol	7.11	79	439188	37.824	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	656503	35.111	ng		92
17) 2-Methylphenol	7.22	107	443538	38.815	ng		99
18) Hexachloroethane	7.49	117	201374	38.982	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	338711	35.267	ng		92
20) 3+4-Methylphenols	7.37	107	539923	37.231	ng		99
22) Acetophenone	7.39	105	692861	36.314	ng	#	93
24) Nitrobenzene	7.56	77	534624	42.776	ng		99
25) Isophorone	7.79	82	920280	37.343	ng		99
26) 2-Nitrophenol	7.87	139	278368	56.467	ng		98
27) 2,4-Dimethylphenol	7.90	122	419581	39.742	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	574757	38.515	ng		100
29) 2,4-Dichlorophenol	8.11	162	407096	42.383	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	441677	39.646	ng		98
31) Naphthalene	8.28	128	1415964	37.758	ng		99
32) Benzoic acid	8.02	122	257954	37.387	ng		98
33) 4-Chloroaniline	8.32	127	629749	40.027	ng		99
34) Hexachlorobutadiene	8.39	225	235658	38.582	ng		98
35) Caprolactam	8.71	113	142723	43.152	ng	#	82
36) 4-Chloro-3-methylphenol	8.80	107	425263	40.161	ng		98
37) 2-Methylnaphthalene	8.97	142	915726	38.505	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	397891	40.127	ng		99
40) Hexachlorocyclopentadiene	9.12	237	214787	41.978	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	283662	44.724	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	316307	44.185	ng		95
45) 1,1'-Biphenyl	9.43	154	1107899	38.226	ng		99
46) 2-Chloronaphthalene	9.46	162	897980	39.009	ng		99
47) 2-Nitroaniline	9.56	65	277373	46.336	ng		95
48) Acenaphthylene	9.88	152	1368505	38.337	ng		99
49) Dimethylphthalate	9.73	163	1069702	40.338	ng		100
50) 2,6-Dinitrotoluene	9.80	165	240019	46.889	ng		93
51) Acenaphthene	10.05	154	851550	40.176	ng		99
52) 3-Nitroaniline	9.97	138	287834	46.911	ng		99
53) 2,4-Dinitrophenol	10.07	184	96094	68.299	ng	#	18
54) Dibenzofuran	10.22	168	1159096	38.290	ng		98
55) 4-Nitrophenol	10.12	139	212867	46.091	ng		87
56) 2,4-Dinitrotoluene	10.20	165	320636	49.164	ng	#	92
57) Fluorene	10.57	166	905710	38.557	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	235627	46.452	ng		93
59) Diethylphthalate	10.43	149	1010525	38.394	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	421623	39.274	ng		96
61) 4-Nitroaniline	10.59	138	284165	48.023	ng		95
62) Azobenzene	10.72	77	966194	36.107	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	160237	61.792	ng	#	77
65) n-Nitrosodiphenylamine	10.67	169	838360	39.676	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	263579	41.354	ng	#	86
67) Hexachlorobenzene	11.12	284	295756	40.656	ng		93
68) Atrazine	11.20	200	277543	42.461	ng		100
69) Pentachlorophenol	11.31	266	189963	45.421	ng		97
70) Phenanthrene	11.54	178	1308284	38.527	ng		99
71) Anthracene	11.59	178	1335978	38.736	ng		100
72) Carbazole	11.74	167	1295776	38.654	ng		99
73) Di-n-butylphthalate	12.06	149	1568591	38.998	ng		100
74) Fluoranthene	12.73	202	1352557	38.662	ng		99
76) Benzidine	12.84	184	774328	38.086	ng		98
77) Pyrene	12.96	202	1387615	39.637	ng		100
79) Butylbenzylphthalate	13.56	149	666427	42.966	ng		97
80) Benzo(a)anthracene	14.15	228	1193042	39.538	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	410168	40.638	ng		97
82) Chrysene	14.19	228	1141182	39.674	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	841456	37.975	ng		99
84) Di-n-octyl phthalate	14.74	149	1381560	42.858	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	979413	38.990	ng		98
87) Benzo(b)fluoranthene	15.24	252	1079710	39.925	ng		98
88) Benzo(k)fluoranthene	15.27	252	1022044	39.316	ng		100
89) Benzo(a)pyrene	15.63	252	980567	39.977	ng		97
90) Dibenzo(a,h)anthracene	17.30	278	811568	38.211	ng		99
91) Benzo(g,h,i)perylene	17.76	276	796309	38.539	ng		97

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

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