Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100578.D
Acq On : 15 Nov 2017 10:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 15 14:04:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138066	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	556700	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	252793	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	487206	20.00	ng		0.00
75) Chrysene-d12	14.05	240	389340	20.00	ng		0.00
86) Perylene-d12	15.52	264	343029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	686021	79.65	ng		0.00
7) Phenol-d6	6.52	99	853768	80.38	ng		0.00
23) Nitrobenzene-d5	7.45	82	768452	91.26	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	222349	86.32	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1313630	79.13	ng		0.00
78) Terphenyl-d14	12.99	244	1293204	76.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	167536	39.914	ng		95
3) Pyridine	3.44	79	451555	39.432	ng		95
4) n-Nitrosodimethylamine	3.40	42	221863	39.904	ng		100
6) Aniline	6.55	93	593204	39.534	ng		100
8) 2-Chlorophenol	6.67	128	376131	41.280	ng		98
9) Benzaldehyde	6.44	77	281274	37.083	ng		94
10) Phenol	6.53	94	456596	40.951	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	368578	39.356	ng		95
12) 1,3-Dichlorobenzene	6.83	146	423185	40.284	ng		99
13) 1,4-Dichlorobenzene	6.90	146	427967	40.251	ng		97
14) 1,2-Dichlorobenzene	7.06	146	394656	40.145	ng		98
15) Benzyl Alcohol	7.03	79	333478	40.230	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	575256	38.404	ng		98
17) 2-Methylphenol	7.13	107	316827	40.689	ng		99
18) Hexachloroethane	7.40	117	141479	40.357	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	271601	36.874	ng		97
20) 3+4-Methylphenols	7.29	107	380593	38.626	ng		92
22) Acetophenone	7.30	105	508916	37.489	ng	#	99
24) Nitrobenzene	7.47	77	396447	45.744	ng		100
25) Isophorone	7.71	82	686267	38.784	ng		99
26) 2-Nitrophenol	7.78	139	210323	51.338	ng		97
27) 2,4-Dimethylphenol	7.82	122	325202	40.998	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	447512	38.664	ng		100
29) 2,4-Dichlorophenol	8.02	162	316538	41.801	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	332182	40.554	ng		97
31) Naphthalene	8.19	128	1062303	39.618	ng		100
32) Benzoic acid	7.94	122	230133	39.861	ng		97
33) 4-Chloroaniline	8.24	127	459053	41.129	ng		98
34) Hexachlorobutadiene	8.30	225	192437	39.513	ng		98
35) Caprolactam	8.62	113	103689	39.900	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	324720	39.927	ng		95
37) 2-Methylnaphthalene	8.88	142	686466	38.562	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	352899	42.093	ng		97
40) Hexachlorocyclopentadiene	9.03	237	181152	45.909	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	231309	43.532	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	246635	44.800	ng		94
45) 1,1'-Biphenyl	9.34	154	881205	40.304	ng		99
46) 2-Chloronaphthalene	9.37	162	659668	41.589	ng		97
47) 2-Nitroaniline	9.46	65	223596	47.724	ng		93
48) Acenaphthylene	9.79	152	1078695	41.036	ng		100
49) Dimethylphthalate	9.64	163	782510	40.542	ng		100
50) 2,6-Dinitrotoluene	9.71	165	175569	45.954	ng		86
51) Acenaphthene	9.96	154	660921	41.342	ng		99
52) 3-Nitroaniline	9.88	138	213157	47.248	ng	#	90
53) 2,4-Dinitrophenol	9.98	184	89443	60.983	ng	#	15
54) Dibenzofuran	10.13	168	905637	40.419	ng		99
55) 4-Nitrophenol	10.03	139	165631	45.214	ng		95
56) 2,4-Dinitrotoluene	10.11	165	231672	48.067	ng	#	93
57) Fluorene	10.47	166	678482	41.335	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	188500	41.778	ng	#	87
59) Diethylphthalate	10.34	149	750570	38.859	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	331842	41.211	ng		90
61) 4-Nitroaniline	10.49	138	206534	48.280	ng		92
62) Azobenzene	10.62	77	703077	38.648	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	138629	54.862	ng		75
65) n-Nitrosodiphenylamine	10.58	169	674408	39.810	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	210506	40.305	ng	#	87
67) Hexachlorobenzene	11.02	284	223673	40.948	ng	#	92
68) Atrazine	11.10	200	203577	39.699	ng		97
69) Pentachlorophenol	11.21	266	160825	41.060	ng		98
70) Phenanthrene	11.43	178	1019804	39.755	ng		99
71) Anthracene	11.49	178	1037617	39.869	ng		100
72) Carbazole	11.64	167	973272	40.530	ng		99
73) Di-n-butylphthalate	11.96	149	1149709	40.912	ng		99
74) Fluoranthene	12.62	202	1087118	39.988	ng		98
76) Benzidine	12.74	184	792069	50.799	ng		99
77) Pyrene	12.85	202	1118694	40.308	ng		100
79) Butylbenzylphthalate	13.46	149	484632	42.818	ng	#	93
80) Benzo(a)anthracene	14.04	228	975463	41.605	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	362390	43.140	ng		97
82) Chrysene	14.07	228	903698	39.803	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	640826	43.048	ng		99
84) Di-n-octyl phthalate	14.63	149	1053146	41.181	ng		100
85) Indeno(1,2,3-cd)pyrene	17.01	276	750686	40.878	ng		95
87) Benzo(b)fluoranthene	15.09	252	854456	42.045	ng		98
88) Benzo(k)fluoranthene	15.12	252	787629	41.018	ng		98
89) Benzo(a)pyrene	15.46	252	750634	41.663	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	616199	41.821	ng		97
91) Benzo(g,h,i)perylene	17.46	276	632513	43.854	ng		95

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

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