Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093949.D
Acq On : 27 Mar 2017 18:26
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 28 00:26:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	185887	20.00	ng		-0.01
21) Naphthalene-d8	7.45	136	739947	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	335144	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	597049	20.00	ng		0.00
75) Chrysene-d12	14.67	240	491298	20.00	ng		0.00
86) Perylene-d12	16.30	264	416001	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	870560	79.10	ng		0.00
7) Phenol-d6	5.55	99	1068351	78.47	ng		0.00
23) Nitrobenzene-d5	6.60	82	1038126	80.07	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	226292	85.45	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	1750201	79.65	ng		0.00
78) Terphenyl-d14	13.40	244	1732225	79.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	207243	39.20	ng		97
3) Pyridine	2.80	79	564932	39.20	ng		99
4) n-Nitrosodimethylamine	2.76	42	230489	38.87	ng		90
6) Aniline	5.56	93	710344	37.51	ng	#	83
8) 2-Chlorophenol	5.70	128	488331	40.37	ng		97
9) Benzaldehyde	5.44	77	342896	37.30	ng		98
10) Phenol	5.56	94	596789	38.52	ng		84
11) bis(2-Chloroethyl)ether	5.65	93	476175	39.33	ng		98
12) 1,3-Dichlorobenzene	5.87	146	540943	39.86	ng		99
13) 1,4-Dichlorobenzene	5.96	146	547308	39.82	ng		97
14) 1,2-Dichlorobenzene	6.14	146	504835	39.89	ng		97
15) Benzyl Alcohol	6.11	79	396947	39.83	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.27	45	697412	37.38	ng		98
17) 2-Methylphenol	6.25	107	411816	39.75	ng		97
18) Hexachloroethane	6.53	117	196328	40.64	ng	#	84
19) n-Nitroso-di-n-propylamine	6.43	70	331020	37.83	ng		97
20) 3+4-Methylphenols	6.43	107	497679	39.66	ng	#	68
22) Acetophenone	6.42	105	669281	40.58	ng	#	90
24) Nitrobenzene	6.62	77	512908	40.11	ng		94
25) Isophorone	6.90	82	894288	39.25	ng		96
26) 2-Nitrophenol	6.99	139	269281	44.16	ng		97
27) 2,4-Dimethylphenol	7.06	122	422935	40.25	ng		97
28) bis(2-Chloroethoxy)methane	7.16	93	588459	39.17	ng		99
29) 2,4-Dichlorophenol	7.29	162	404852	41.21	ng		98
30) 1,2,4-Trichlorobenzene	7.38	180	411329	40.65	ng		99
31) Naphthalene	7.47	128	1419388	39.89	ng		99
32) Benzoic acid	7.21	122	266354	38.08	ng		98
33) 4-Chloroaniline	7.54	127	584090	40.51	ng		95
34) Hexachlorobutadiene	7.63	225	211839	40.82	ng		100
35) Caprolactam	8.00	113	132737	42.37	ng		92
36) 4-Chloro-3-methylphenol	8.15	107	423671	41.27	ng		89
37) 2-Methylnaphthalene	8.32	142	948175	39.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.53	216	369996	40.36	ng		99
40) Hexachlorocyclopentadiene	8.52	237	179365	41.81	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	266593	41.10	ng		99
43) 2,4,5-Trichlorophenol	8.72	196	292370	41.66	ng		95
45) 1,1'-Biphenyl	8.89	154	1076023	39.80	ng		98
46) 2-Chloronaphthalene	8.92	162	845268	39.95	ng		96
47) 2-Nitroaniline	9.04	65	262477	41.81	ng	#	82
48) Acenaphthylene	9.42	152	1395443	39.68	ng		100
49) Dimethylphthalate	9.28	163	964031	40.47	ng		99
50) 2,6-Dinitrotoluene	9.35	165	232613	42.59	ng		92
51) Acenaphthene	9.63	154	807034	39.33	ng		100
52) 3-Nitroaniline	9.55	138	271858	42.39	ng		93
53) 2,4-Dinitrophenol	9.67	184	119652	43.22	ng	#	73
54) Dibenzofuran	9.85	168	1102709	39.47	ng		99
55) 4-Nitrophenol	9.77	139	209878	41.79	ng	#	79
56) 2,4-Dinitrotoluene	9.84	165	285428	41.61	ng	#	79
57) Fluorene	10.27	166	892041	38.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	198841	41.29	ng		99
59) Diethylphthalate	10.15	149	949585	40.33	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	377103	38.21	ng		92
61) 4-Nitroaniline	10.30	138	270601	43.97	ng		96
62) Azobenzene	10.47	77	873971	39.24	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	159661	43.67	ng	#	69
65) n-Nitrosodiphenylamine	10.42	169	812842	39.37	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	235398	40.09	ng		98
67) Hexachlorobenzene	10.95	284	239609	40.31	ng	#	86
68) Atrazine	11.09	200	255715	41.35	ng		96
69) Pentachlorophenol	11.19	266	138294	37.38	ng		97
70) Phenanthrene	11.45	178	1307446	39.37	ng		99
71) Anthracene	11.51	178	1369659	40.05	ng		98
72) Carbazole	11.71	167	1406731	40.12	ng		99
73) Di-n-butylphthalate	12.16	149	1485528	40.74	ng		99
74) Fluoranthene	12.91	202	1380321	40.59	ng		99
76) Benzidine	13.07	184	796121	40.94	ng		96
77) Pyrene	13.19	202	1414775	39.68	ng		100
79) Butylbenzylphthalate	14.00	149	639736	42.11	ng	#	84
80) Benzo(a)anthracene	14.66	228	1172807	40.94	ng		99
81) 3,3'-Dichlorobenzidine	14.63	252	446145	43.57	ng	#	96
82) Chrysene	14.70	228	1041375	39.17	ng		100
83) Bis(2-ethylhexyl)phthalate	14.72	149	828338	39.97	ng	#	99
84) Di-n-octyl phthalate	15.47	149	1467303	42.38	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	917466	39.85	ng		99
87) Benzo(b)fluoranthene	15.89	252	1020155	40.01	ng		98
88) Benzo(k)fluoranthene	15.92	252	999219	40.05	ng		96
89) Benzo(a)pyrene	16.24	252	964203	41.06	ng		100
90) Dibenzo(a,h)anthracene	17.70	278	769794	38.71	ng		98
91) Benzo(g,h,i)perylene	18.09	276	763609	38.10	ng		97

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

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