Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098603.D
Acq On : 18 Sep 2017 15:41
Operator : SJ/JU
Sample : PB102381BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 19 06:22:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112105	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	491141	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	250236	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	477255	20.00	ng		0.00
75) Chrysene-d12	13.79	240	320186	20.00	ng		0.00
86) Perylene-d12	15.18	264	247554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	615949	81.24	ng		0.01
7) Phenol-d6	6.29	99	754939	78.42	ng		0.00
23) Nitrobenzene-d5	7.21	82	705073	80.03	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	178347	106.79	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1395811	94.54	ng		0.00
78) Terphenyl-d14	12.74	244	1298090	87.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	113283	28.947	ng		90
3) Pyridine	2.98	79	278935	26.839	ng	#	81
4) n-Nitrosodimethylamine	2.95	42	155100	30.441	ng		83
6) Aniline	6.30	93	323040	26.748	ng	#	29
8) 2-Chlorophenol	6.42	128	323628	38.816	ng		95
9) Benzaldehyde	6.18	77	130424	20.725	ng		94
10) Phenol	6.30	94	404399	36.166	ng		77
11) bis(2-Chloroethyl)ether	6.37	93	285116	33.819	ng		94
12) 1,3-Dichlorobenzene	6.57	146	318330m	37.933	ng		
13) 1,4-Dichlorobenzene	6.65	146	325100	37.820	ng		97
14) 1,2-Dichlorobenzene	6.80	146	308675	39.415	ng		98
15) Benzyl Alcohol	6.79	79	286065	44.649	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	464266	33.469	ng	#	36
17) 2-Methylphenol	6.91	107	267223	39.305	ng	#	88
18) Hexachloroethane	7.14	117	121545	36.922	ng		88
19) n-Nitroso-di-n-propylamine	7.06	70	236473	39.051	ng		95
20) 3+4-Methylphenols	7.07	107	363397	42.355	ng	#	65
22) Acetophenone	7.05	105	463798	36.537	ng	#	92
24) Nitrobenzene	7.23	77	343733	34.254	ng		95
25) Isophorone	7.47	82	627675	35.214	ng		96
26) 2-Nitrophenol	7.54	139	173755	42.885	ng	#	77
27) 2,4-Dimethylphenol	7.59	122	295126	38.211	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	388717	35.740	ng		99
29) 2,4-Dichlorophenol	7.79	162	282037	43.906	ng		94
30) 1,2,4-Trichlorobenzene	7.86	180	293114	41.947	ng		97
31) Naphthalene	7.94	128	948611	39.070	ng		100
32) Benzoic acid	7.76	122	178887	36.763	ng		94
33) 4-Chloroaniline	8.00	127	223442	22.644	ng		99
34) Hexachlorobutadiene	8.05	225	157257	43.838	ng		98
35) Caprolactam	8.39	113	93215m	42.082	ng		
36) 4-Chloro-3-methylphenol	8.50	107	327603	41.123	ng	#	85
37) 2-Methylnaphthalene	8.63	142	650975	44.263	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	285591	36.639	ng		99
40) Hexachlorocyclopentadiene	8.78	237	161853	72.023	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	186744	40.788	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	199205	41.627	ng		91
45) 1,1'-Biphenyl	9.10	154	809591	36.146	ng		98
46) 2-Chloronaphthalene	9.12	162	618299	38.654	ng		93
47) 2-Nitroaniline	9.23	65	224475	36.563	ng		94
48) Acenaphthylene	9.53	152	906391	38.110	ng		98
49) Dimethylphthalate	9.40	163	785745	40.564	ng		100
50) 2,6-Dinitrotoluene	9.47	165	168947	42.461	ng	#	81
51) Acenaphthene	9.70	154	578846	38.288	ng		98
52) 3-Nitroaniline	9.64	138	118409	24.653	ng		94
53) 2,4-Dinitrophenol	9.76	184	142668	76.296	ng	#	78
54) Dibenzofuran	9.88	168	853887	42.873	ng		99
55) 4-Nitrophenol	9.83	139	181202	65.665	ng	#	48
56) 2,4-Dinitrotoluene	9.88	165	216193	44.693	ng	#	50
57) Fluorene	10.22	166	676140	41.015	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	160430	49.884	ng		95
59) Diethylphthalate	10.10	149	766736	41.621	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	339509	44.588	ng		92
61) 4-Nitroaniline	10.26	138	164209	33.853	ng		82
62) Azobenzene	10.37	77	741462	37.344	ng		94
64) 4,6-Dinitro-2-methylphenol	10.29	198	111956	39.255	ng		83
65) n-Nitrosodiphenylamine	10.33	169	618449	39.908	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	199732	44.095	ng		98
67) Hexachlorobenzene	10.77	284	196671	42.806	ng	#	92
68) Atrazine	10.87	200	214717	45.006	ng		97
69) Pentachlorophenol	10.97	266	145202	72.140	ng		94
70) Phenanthrene	11.18	178	1039139	41.072	ng		97
71) Anthracene	11.23	178	1079583	41.560	ng		97
72) Carbazole	11.39	167	905332	37.397	ng		99
73) Di-n-butylphthalate	11.72	149	1238751	42.707	ng		99
74) Fluoranthene	12.36	202	1034293	40.836	ng		97
76) Benzidine	12.49	184	467464	32.989	ng	#	93
77) Pyrene	12.59	202	1040431	41.192	ng		99
79) Butylbenzylphthalate	13.21	149	499149	45.552	ng	#	81
80) Benzo(a)anthracene	13.78	228	768487	40.938	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	186509	25.566	ng	#	95
82) Chrysene	13.82	228	727093	38.318	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	688971	50.099	ng	#	99
84) Di-n-octyl phthalate	14.38	149	1115649	47.283	ng		99
85) Indeno(1,2,3-cd)pyrene	16.52	276	560331	42.090	ng	#	92
87) Benzo(b)fluoranthene	14.79	252	643839	41.363	ng		97
88) Benzo(k)fluoranthene	14.82	252	605284	41.654	ng	#	92
89) Benzo(a)pyrene	15.13	252	570456	41.137	ng		98
90) Dibenzo(a,h)anthracene	16.52	278	472268	46.817	ng		97
91) Benzo(g,h,i)perylene	16.92	276	467447	46.071	ng	#	92

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

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