Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098815.D
Acq On : 26 Sep 2017 7:06
Operator : SJ/JU
Sample : PB102566BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102566BSD

Manual Integrations APPROVED
Sohil
9/26/2017 4:59:02 PM

Quant Time: Sep 26 09:02:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135274	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	574285	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	263349	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	442336	20.00	ng		0.00
75) Chrysene-d12	14.08	240	250311	20.00	ng		0.00
86) Perylene-d12	15.57	264	236706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	799830	94.12	ng		0.00
7) Phenol-d6	6.54	99	969598	92.49	ng		0.00
23) Nitrobenzene-d5	7.48	82	846389	94.52	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	198135	91.95	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1559429	98.86	ng		0.00
78) Terphenyl-d14	13.02	244	1116529	101.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	150487	37.073	ng		98
3) Pyridine	3.56	79	427768	38.955	ng		98
4) n-Nitrosodimethylamine	3.52	42	194569	41.784	ng	#	90
6) Aniline	6.57	93	398867	28.192	ng		99
8) 2-Chlorophenol	6.70	128	423788	44.038	ng		99
9) Benzaldehyde	6.46	77	101893	16.757	ng		98
10) Phenol	6.55	94	516868	44.087	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	399413	43.823	ng		96
12) 1,3-Dichlorobenzene	6.86	146	440301	43.689	ng		98
13) 1,4-Dichlorobenzene	6.93	146	442411	43.146	ng		98
14) 1,2-Dichlorobenzene	7.09	146	410558	43.332	ng		99
15) Benzyl Alcohol	7.05	79	358828	46.660	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	632400	44.535	ng		98
17) 2-Methylphenol	7.16	107	357704	45.429	ng		98
18) Hexachloroethane	7.43	117	151153	41.011	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	283439	42.350	ng		96
20) 3+4-Methylphenols	7.32	107	442474	44.420	ng	#	81
22) Acetophenone	7.32	105	569000	40.894	ng	#	98
24) Nitrobenzene	7.50	77	435016	42.824	ng		97
25) Isophorone	7.73	82	800518	43.237	ng		100
26) 2-Nitrophenol	7.81	139	221650	45.375	ng		98
27) 2,4-Dimethylphenol	7.85	122	402562	43.637	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	521335	45.184	ng		100
29) 2,4-Dichlorophenol	8.05	162	355701	44.909	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	350323	44.223	ng		99
31) Naphthalene	8.22	128	1188606	44.068	ng		99
32) Benzoic acid	7.96	122	245368	32.380	ng		99
33) 4-Chloroaniline	8.26	127	225161	19.990	ng		99
34) Hexachlorobutadiene	8.33	225	177505	43.503	ng		96
35) Caprolactam	8.64	113	117713m	46.331	ng		
36) 4-Chloro-3-methylphenol	8.75	107	384909	43.236	ng		93
37) 2-Methylnaphthalene	8.91	142	827626	47.201	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	323823	41.231	ng		99
40) Hexachlorocyclopentadiene	9.06	237	176035	49.046	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	245501	44.124	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	249063	44.843	ng		96
45) 1,1'-Biphenyl	9.37	154	948549	41.909	ng		99
46) 2-Chloronaphthalene	9.40	162	755322	44.448	ng		98
47) 2-Nitroaniline	9.49	65	241996	46.507	ng		97
48) Acenaphthylene	9.82	152	1141631	43.885	ng		99
49) Dimethylphthalate	9.67	163	902429	45.403	ng		100
50) 2,6-Dinitrotoluene	9.73	165	200446	46.323	ng		99
51) Acenaphthene	9.99	154	713908	43.323	ng		99
52) 3-Nitroaniline	9.90	138	143186	28.379	ng	#	91
53) 2,4-Dinitrophenol	10.00	184	58362	29.846	ng		91
54) Dibenzofuran	10.16	168	1026468	46.783	ng		100
55) 4-Nitrophenol	10.06	139	353810	82.931	ng		93
56) 2,4-Dinitrotoluene	10.14	165	267925	47.708	ng		96
57) Fluorene	10.50	166	776872	44.053	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	184462	48.077	ng		98
59) Diethylphthalate	10.37	149	891650	45.910	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	353173	44.583	ng		100
61) 4-Nitroaniline	10.52	138	192148	39.474	ng		91
62) Azobenzene	10.65	77	843878	47.255	ng		99
64) 4,6-Dinitro-2-methylphenol	10.55	198	53082	19.724	ng		83
65) n-Nitrosodiphenylamine	10.61	169	722377	47.141	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	209324	48.346	ng	#	88
67) Hexachlorobenzene	11.05	284	203039	43.907	ng		96
68) Atrazine	11.14	200	226868	49.207	ng		97
69) Pentachlorophenol	11.24	266	202958	70.520	ng		98
70) Phenanthrene	11.47	178	1078101	45.534	ng		99
71) Anthracene	11.52	178	1109823	45.811	ng		100
72) Carbazole	11.67	167	1030010	43.416	ng		100
73) Di-n-butylphthalate	11.99	149	1369207	47.949	ng		100
74) Fluoranthene	12.65	202	960300	40.053	ng		99
76) Benzidine	12.77	184	545251	58.894	ng		98
77) Pyrene	12.88	202	956343	50.104	ng		99
79) Butylbenzylphthalate	13.49	149	496034	55.296	ng		99
80) Benzo(a)anthracene	14.07	228	699254	46.134	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	219769	39.553	ng		97
82) Chrysene	14.10	228	654361	45.347	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	693161	56.118	ng	#	99
84) Di-n-octyl phthalate	14.66	149	1027814	51.677	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	592921	51.365	ng		97
87) Benzo(b)fluoranthene	15.13	252	665873m	45.753	ng		
88) Benzo(k)fluoranthene	15.16	252	597047	41.535	ng		97
89) Benzo(a)pyrene	15.50	252	612532	45.851	ng	#	97
90) Dibenzo(a,h)anthracene	17.09	278	505423	47.274	ng		97
91) Benzo(g,h,i)perylene	17.53	276	461938	43.710	ng		96

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

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