Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
Data File : BF098985.D
Acq On : 1 Oct 2017 12:01
Operator : SJ/JU
Sample : PB102778BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102778BS

Manual Integrations APPROVED
Sohil
10/2/2017 5:48:56 PM

Quant Time: Oct 02 01:06:47 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	6.90	152	122424	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	520705	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	236879	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	424555	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	284299	20.00	ng		-0.01
86) Perylene-d12	15.56	264	216529	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	965836	125.59	ng		0.00
7) Phenol-d6	6.54	99	1167013	123.01	ng		0.00
23) Nitrobenzene-d5	7.47	82	723366	89.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	249255	128.59	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1324867	93.37	ng		-0.02
78) Terphenyl-d14	13.02	244	1133500	90.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	138346	37.659	ng		99
3) Pyridine	3.56	79	379388	38.176	ng		97
4) n-Nitrosodimethylamine	3.52	42	172748	40.992	ng	#	94
6) Aniline	6.57	93	258063	20.155	ng		99
8) 2-Chlorophenol	6.69	128	357987	41.105	ng		96
9) Benzaldehyde	6.46	77	209259	38.025	ng		97
10) Phenol	6.55	94	442116	41.669	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	340544	41.286	ng		100
12) 1,3-Dichlorobenzene	6.85	146	377086	41.343	ng		99
13) 1,4-Dichlorobenzene	6.92	146	381667	41.128	ng		99
14) 1,2-Dichlorobenzene	7.07	146	357212	41.659	ng		98
15) Benzyl Alcohol	7.05	79	302538	43.470	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	527873	41.076	ng		98
17) 2-Methylphenol	7.16	107	297860	41.799	ng		99
18) Hexachloroethane	7.42	117	137671	41.274	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	238982	39.455	ng		96
20) 3+4-Methylphenols	7.30	107	362095	40.166	ng	#	81
22) Acetophenone	7.31	105	484849	38.432	ng	#	95
24) Nitrobenzene	7.49	77	370827	40.261	ng		97
25) Isophorone	7.72	82	686888	40.918	ng		98
26) 2-Nitrophenol	7.80	139	195609	44.164	ng		90
27) 2,4-Dimethylphenol	7.83	122	337649	40.367	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	434461	41.530	ng		99
29) 2,4-Dichlorophenol	8.05	162	297662	41.448	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	296948	41.342	ng		99
31) Naphthalene	8.21	128	1011706	41.369	ng		100
32) Benzoic acid	7.96	122	206472	30.051	ng		96
33) 4-Chloroaniline	8.25	127	133443	13.066	ng		99
34) Hexachlorobutadiene	8.32	225	149537	40.420	ng		98
35) Caprolactam	8.63	113	97980m	42.533	ng		
36) 4-Chloro-3-methylphenol	8.74	107	321270	39.801	ng		96
37) 2-Methylnaphthalene	8.90	142	697528	43.875	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	267702	37.895	ng		98
40) Hexachlorocyclopentadiene	9.05	237	291728	90.363	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	200667	40.096	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	209028	41.840	ng		95
45) 1,1'-Biphenyl	9.36	154	812470	39.908	ng		99
46) 2-Chloronaphthalene	9.39	162	629171	41.161	ng		97
47) 2-Nitroaniline	9.49	65	200190	42.772	ng		100
48) Acenaphthylene	9.81	152	965323	41.254	ng		99
49) Dimethylphthalate	9.66	163	747519	41.811	ng		100
50) 2,6-Dinitrotoluene	9.73	165	164207	42.188	ng		97
51) Acenaphthene	9.98	154	590232	39.820	ng		99
52) 3-Nitroaniline	9.90	138	94456	20.813	ng		92
53) 2,4-Dinitrophenol	10.00	184	126117	63.530	ng		96
54) Dibenzofuran	10.15	168	866440	43.903	ng		98
55) 4-Nitrophenol	10.06	139	279972	72.957	ng		96
56) 2,4-Dinitrotoluene	10.13	165	225323	44.606	ng		97
57) Fluorene	10.50	166	675366	42.576	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	155436	45.039	ng		98
59) Diethylphthalate	10.36	149	736160	42.139	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	305467	42.870	ng		99
61) 4-Nitroaniline	10.52	138	179777	41.060	ng		94
62) Azobenzene	10.65	77	713144	44.397	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	88319	34.191	ng		80
65) n-Nitrosodiphenylamine	10.60	169	604037	41.069	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	176066	42.367	ng		96
67) Hexachlorobenzene	11.05	284	173871	39.174	ng		93
68) Atrazine	11.13	200	192371	43.472	ng		99
69) Pentachlorophenol	11.24	266	187354	67.825	ng		99
70) Phenanthrene	11.46	178	961079	42.291	ng		99
71) Anthracene	11.51	178	987185	42.455	ng		100
72) Carbazole	11.66	167	921215	40.457	ng		100
73) Di-n-butylphthalate	11.99	149	1158453	42.267	ng		99
74) Fluoranthene	12.65	202	973581	42.308	ng		99
76) Benzidine	12.76	184	258335	24.568	ng		98
77) Pyrene	12.88	202	986022	45.483	ng		100
79) Butylbenzylphthalate	13.49	149	468962	46.028	ng		97
80) Benzo(a)anthracene	14.06	228	733846	42.628	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	145529	23.060	ng		97
82) Chrysene	14.10	228	679643	41.468	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	625322	44.573	ng	#	98
84) Di-n-octyl phthalate	14.65	149	934959	41.388	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	578446	44.121	ng		96
87) Benzo(b)fluoranthene	15.13	252	597611	44.889	ng		99
88) Benzo(k)fluoranthene	15.16	252	548517	41.714	ng		99
89) Benzo(a)pyrene	15.50	252	540802	44.254	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	481437	49.227	ng		98
91) Benzo(g,h,i)perylene	17.53	276	494239	51.125	ng		96

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

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