Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083124.D
Acq On : 21 Nov 2015 21:31
Operator : UM/IZ
Sample : PB86620BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:27 PM

Quant Time: Nov 22 09:35:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	196944	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	741833	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	368775	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	708330	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	633510	20.00	ng		-0.01
86) Perylene-d12	15.15	264	562261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1276898	98.02	ng		0.00
7) Phenol-d6	6.33	99	1620876	96.17	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1042506	64.21	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	336453	89.18	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1739129	65.76	ng		0.00
78) Terphenyl-d14	12.75	244	1758960	65.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	159039	24.65	ng		94
3) Pyridine	3.00	79	501720	29.44	ng		97
4) n-Nitrosodimethylamine	2.86	42	226406	28.80	ng		98
6) Aniline	6.33	93	364006	17.67	ng	#	54
8) 2-Chlorophenol	6.44	128	429098	30.49	ng		95
9) Benzaldehyde	6.20	77	285299	31.81	ng		95
10) Phenol	6.34	94	663276	32.53	ng	#	79
11) bis(2-Chloroethyl)ether	6.40	93	484411	33.27	ng		97
12) 1,3-Dichlorobenzene	6.59	146	481931m	29.99	ng		
13) 1,4-Dichlorobenzene	6.67	146	489406	30.11	ng		95
14) 1,2-Dichlorobenzene	6.82	146	422168	28.57	ng		96
15) Benzyl Alcohol	6.82	79	429378	30.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	725521	31.96	ng		96
17) 2-Methylphenol	6.95	107	382710	32.86	ng		94
18) Hexachloroethane	7.16	117	166563	29.09	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	352148	30.02	ng	#	87
20) 3+4-Methylphenols	7.11	107	490898	33.34	ng		98
22) Acetophenone	7.08	105	622774	29.24	ng	#	94
24) Nitrobenzene	7.24	77	525907	30.32	ng		99
25) Isophorone	7.51	82	907725	29.53	ng		96
26) 2-Nitrophenol	7.56	139	226224	29.54	ng		91
27) 2,4-Dimethylphenol	7.62	122	368848	30.18	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	569822	31.88	ng		99
29) 2,4-Dichlorophenol	7.82	162	383386	32.98	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	383150	30.01	ng		96
31) Naphthalene	7.96	128	1240701	30.99	ng		99
32) Benzoic acid	7.78	122	288563	30.37	ng		92
33) 4-Chloroaniline	8.03	127	192929	12.42	ng	#	87
34) Hexachlorobutadiene	8.09	225	230453	30.54	ng		98
35) Caprolactam	8.43	113	118589	31.83	ng		90
36) 4-Chloro-3-methylphenol	8.54	107	419339	31.14	ng		99
37) 2-Methylnaphthalene	8.66	142	797672	30.70	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	358835	30.02	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	405520	59.67	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	263134	30.74	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	273504	31.25	ng		98
45) 1,1'-Biphenyl	9.12	154	923628	29.43	ng		98
46) 2-Chloronaphthalene	9.14	162	762614	30.93	ng		94
47) 2-Nitroaniline	9.24	65	267800	30.71	ng		97
48) Acenaphthylene	9.55	152	1197046	31.33	ng		99
49) Dimethylphthalate	9.44	163	954169	33.61	ng		100
50) 2,6-Dinitrotoluene	9.48	165	193181	30.32	ng		93
51) Acenaphthene	9.72	154	723830	31.13	ng		99
52) 3-Nitroaniline	9.66	138	99260	14.61	ng	#	55
53) 2,4-Dinitrophenol	9.76	184	226623	61.75	ng	#	83
54) Dibenzofuran	9.90	168	1020256	31.03	ng		95
55) 4-Nitrophenol	9.85	139	298416	57.30	ng		95
56) 2,4-Dinitrotoluene	9.90	165	264776	32.80	ng	#	81
57) Fluorene	10.24	166	868805	31.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	227367	31.67	ng		99
59) Diethylphthalate	10.14	149	922858	32.66	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	402235	32.32	ng	#	83
61) 4-Nitroaniline	10.27	138	186726	27.92	ng		86
62) Azobenzene	10.40	77	1086837	33.69	ng		88
64) 4,6-Dinitro-2-methylphenol	10.30	198	157221	32.21	ng		87
65) n-Nitrosodiphenylamine	10.35	169	726587	30.16	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	245122	31.19	ng	#	86
67) Hexachlorobenzene	10.79	284	270010	31.19	ng	#	82
68) Atrazine	10.90	200	254380	36.36	ng		96
69) Pentachlorophenol	10.98	266	328726	58.31	ng		99
70) Phenanthrene	11.19	178	1276078	31.27	ng		100
71) Anthracene	11.24	178	1358627	32.63	ng		99
72) Carbazole	11.40	167	1175079	31.75	ng		99
73) Di-n-butylphthalate	11.75	149	1409455	31.20	ng		99
74) Fluoranthene	12.38	202	1380576	33.05	ng		94
76) Benzidine	12.50	184	545199	32.84	ng		100
77) Pyrene	12.59	202	1335606	30.86	ng		99
79) Butylbenzylphthalate	13.23	149	608893	29.73	ng		94
80) Benzo(a)anthracene	13.78	228	1274565	32.53	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	283021	20.75	ng		99
82) Chrysene	13.82	228	1032422	28.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	831643	31.09	ng		100
84) Di-n-octyl phthalate	14.41	149	1487608	32.30	ng		100
85) Indeno(1,2,3-cd)pyrene	16.42	276	1003495	30.36	ng		98
87) Benzo(b)fluoranthene	14.79	252	1177688m	30.65	ng		
88) Benzo(k)fluoranthene	14.81	252	909666m	31.78	ng		
89) Benzo(a)pyrene	15.11	252	987869	31.15	ng		98
90) Dibenzo(a,h)anthracene	16.43	278	842415	29.24	ng		98
91) Benzo(g,h,i)perylene	16.80	276	818750	29.11	ng		97

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

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