Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101220.D
Acq On : 7 Dec 2017 22:01
Operator : SJ/JU
Sample : PB104800BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104800BSD

Manual Integrations APPROVED
Sohil
12/8/2017 11:12:30 AM

Quant Time: Dec 08 01:07:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43607	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	162394	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	65660	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	113822	20.00	ng		0.00
75) Chrysene-d12	14.03	240	86246	20.00	ng		0.00
86) Perylene-d12	15.50	264	66442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	189705	71.89	ng		0.00
7) Phenol-d6	6.48	99	220290	68.76	ng		0.00
23) Nitrobenzene-d5	7.41	82	192507	70.71	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	47179	59.81	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	397193	82.77	ng		0.00
78) Terphenyl-d14	12.96	244	297256	75.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	32508	29.790	ng		93
3) Pyridine	3.45	79	91424	32.318	ng		99
4) n-Nitrosodimethylamine	3.40	42	45566	32.979	ng	#	87
6) Aniline	6.50	93	49767	11.945	ng	#	90
8) 2-Chlorophenol	6.63	128	95504	33.192	ng		96
9) Benzaldehyde	6.39	77	30639	15.625	ng		95
10) Phenol	6.49	94	109639	30.775	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	84370	31.573	ng		98
12) 1,3-Dichlorobenzene	6.78	146	110815	33.075	ng		97
13) 1,4-Dichlorobenzene	6.86	146	112572	32.453	ng		97
14) 1,2-Dichlorobenzene	7.01	146	104019	32.150	ng		97
15) Benzyl Alcohol	6.99	79	73582	29.735	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	132175	36.389	ng		95
17) 2-Methylphenol	7.10	107	73105	31.465	ng		97
18) Hexachloroethane	7.35	117	26490	23.770	ng	#	82
19) n-Nitroso-di-n-propylamine	7.25	70	62411	28.924	ng		90
20) 3+4-Methylphenols	7.25	107	95494	31.515	ng	#	54
22) Acetophenone	7.25	105	124771	31.802	ng	#	90
24) Nitrobenzene	7.43	77	88511	33.174	ng		97
25) Isophorone	7.66	82	160777	34.576	ng		99
26) 2-Nitrophenol	7.75	139	31536	21.532	ng		91
27) 2,4-Dimethylphenol	7.78	122	78965	37.270	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	103619	33.155	ng		97
29) 2,4-Dichlorophenol	7.99	162	74332	32.231	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	83589	32.962	ng		96
31) Naphthalene	8.15	128	257334	32.152	ng		99
32) Benzoic acid	7.89	122	31107	18.877	ng		94
33) 4-Chloroaniline	8.20	127	32484	10.101	ng		99
34) Hexachlorobutadiene	8.26	225	50940	32.751	ng		98
35) Caprolactam	8.57	113	20218m	28.130	ng		
36) 4-Chloro-3-methylphenol	8.69	107	71005	29.722	ng		93
37) 2-Methylnaphthalene	8.84	142	170271	31.310	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	77025	32.292	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	3995	12.298	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	47879	34.241	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	49305	32.983	ng	#	89
45) 1,1'-Biphenyl	9.30	154	194971	32.410	ng		96
46) 2-Chloronaphthalene	9.33	162	151448	35.449	ng		93
47) 2-Nitroaniline	9.43	65	45365	35.890	ng		93
48) Acenaphthylene	9.75	152	223418	31.821	ng		98
49) Dimethylphthalate	9.60	163	182729	34.508	ng		100
50) 2,6-Dinitrotoluene	9.67	165	30075	26.966	ng		94
51) Acenaphthene	9.92	154	129440	30.789	ng		99
52) 3-Nitroaniline	9.85	138	42533	33.911	ng		88
53) 2,4-Dinitrophenol	9.97	184	1375	7.080	ng	#	18
54) Dibenzofuran	10.09	168	195121	32.206	ng		99
55) 4-Nitrophenol	10.01	139	39796	47.048	ng		98
56) 2,4-Dinitrotoluene	10.08	165	34413	23.023	ng		90
57) Fluorene	10.43	166	150941	30.647	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	37912	31.675	ng	#	85
59) Diethylphthalate	10.30	149	172153	32.961	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	78368	32.227	ng		92
61) 4-Nitroaniline	10.46	138	38537	29.599	ng		93
62) Azobenzene	10.58	77	131834	29.743	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	1601	2.097	ng		85
65) n-Nitrosodiphenylamine	10.54	169	137752	34.305	ng		96
66) 4-Bromophenyl-phenylether	10.91	248	44910	35.250	ng		89
67) Hexachlorobenzene	10.99	284	45546	33.356	ng	#	85
68) Atrazine	11.07	200	42131	34.204	ng		97
69) Pentachlorophenol	11.18	266	35464	47.236	ng		98
70) Phenanthrene	11.40	178	204026	32.550	ng		98
71) Anthracene	11.45	178	211924	33.406	ng		98
72) Carbazole	11.61	167	182531	31.491	ng		98
73) Di-n-butylphthalate	11.93	149	241583	33.253	ng		98
74) Fluoranthene	12.59	202	214184	30.826	ng		94
76) Benzidine	12.72	184	174787	62.322	ng		98
77) Pyrene	12.82	202	217167	36.491	ng		99
79) Butylbenzylphthalate	13.43	149	94416	35.984	ng		96
80) Benzo(a)anthracene	14.02	228	179033	32.878	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	66863	35.454	ng	#	96
82) Chrysene	14.05	228	168004	33.220	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	133041	35.561	ng		99
84) Di-n-octyl phthalate	14.60	149	208160	33.417	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	125508	27.915	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	134293	33.745	ng		98
88) Benzo(k)fluoranthene	15.10	252	139416	35.557	ng	#	95
89) Benzo(a)pyrene	15.44	252	127823	35.329	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	106573	33.412	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	101928	33.909	ng	#	90

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

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