Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094803.D
Acq On : 2 May 2017 20:24
Operator : SJ/MA
Sample : PB98612BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98612BS

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:10 PM

Quant Time: May 03 17:39:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	94342	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	355726	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	176543	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	333239	20.00	ng		0.00
75) Chrysene-d12	18.65	240	245151	20.00	ng		0.00
86) Perylene-d12	20.31	264	186518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	739404	130.67	ng		0.02
7) Phenol-d6	7.28	99	889275	130.98	ng		0.00
23) Nitrobenzene-d5	8.63	82	483122	85.64	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	201101	139.09	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1060791	86.49	ng		0.00
78) Terphenyl-d14	17.31	244	898684	80.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	90914	32.759	ng		96
3) Pyridine	2.83	79	218141	33.915	ng		95
4) n-Nitrosodimethylamine	2.76	42	102261	38.143	ng		92
6) Aniline	7.24	93	187494	21.874	ng		95
8) 2-Chlorophenol	7.42	128	262373	40.737	ng		94
9) Benzaldehyde	7.05	77	47732	11.513	ng		95
10) Phenol	7.30	94	298365	41.702	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	234449	39.694	ng		97
12) 1,3-Dichlorobenzene	7.64	146	282874	38.718	ng		98
13) 1,4-Dichlorobenzene	7.76	146	262696	35.455	ng		98
14) 1,2-Dichlorobenzene	8.00	146	247594	35.800	ng		96
15) Benzyl Alcohol	8.01	79	185507	42.480	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	283925	33.963	ng	#	35
17) 2-Methylphenol	8.23	107	201508	38.230	ng	#	91
18) Hexachloroethane	8.52	117	88433	35.233	ng		88
19) n-Nitroso-di-n-propylamine	8.44	70	167500	36.477	ng		96
20) 3+4-Methylphenols	8.48	107	268810	37.531	ng	#	62
22) Acetophenone	8.40	105	339737	39.806	ng	#	84
24) Nitrobenzene	8.66	77	239793	40.554	ng		95
25) Isophorone	9.06	82	427263	42.417	ng	#	94
26) 2-Nitrophenol	9.17	139	133681	41.898	ng		98
27) 2,4-Dimethylphenol	9.30	122	221127	42.866	ng		100
28) bis(2-Chloroethoxy)methane	9.43	93	275968	39.603	ng		99
29) 2,4-Dichlorophenol	9.58	162	216936	44.539	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	207470	39.758	ng		99
31) Naphthalene	9.78	128	714893	39.986	ng		99
32) Benzoic acid	9.58	122	93568	29.783	ng		91
33) 4-Chloroaniline	9.93	127	49166	7.379	ng		94
34) Hexachlorobutadiene	10.01	225	110507	40.134	ng		99
35) Caprolactam	10.53	113	72359m	49.473	ng		
36) 4-Chloro-3-methylphenol	10.78	107	240558	46.193	ng		92
37) 2-Methylnaphthalene	10.91	142	530301	45.194	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	207069	38.140	ng		100
40) Hexachlorocyclopentadiene	11.17	237	172018	75.718	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	153713	42.405	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	156826	40.253	ng		94
45) 1,1'-Biphenyl	11.68	154	608124	40.913	ng		98
46) 2-Chloronaphthalene	11.69	162	478184	39.842	ng		96
47) 2-Nitroaniline	11.89	65	130479	39.720	ng	#	84
48) Acenaphthylene	12.35	152	785310	41.775	ng		98
49) Dimethylphthalate	12.22	163	554862	38.284	ng		99
50) 2,6-Dinitrotoluene	12.31	165	129666	43.854	ng		91
51) Acenaphthene	12.64	154	458949	40.874	ng		99
52) 3-Nitroaniline	12.58	138	53553	16.875	ng	#	88
53) 2,4-Dinitrophenol	12.77	184	77980	50.391	ng	#	64
54) Dibenzofuran	12.92	168	679172	43.710	ng		97
55) 4-Nitrophenol	12.95	139	170036	89.207	ng	#	78
56) 2,4-Dinitrotoluene	12.97	165	173432	45.647	ng	#	93
57) Fluorene	13.48	166	569068	42.119	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	114033	46.506	ng		96
59) Diethylphthalate	13.38	149	555303	39.974	ng		98
60) 4-Chlorophenyl-phenylether	13.50	204	249084	41.948	ng		92
61) 4-Nitroaniline	13.57	138	128151	43.987	ng		95
62) Azobenzene	13.76	77	528229	47.321	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	73247	32.788	ng	#	72
65) n-Nitrosodiphenylamine	13.71	169	488134	40.360	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	142274	40.411	ng		99
67) Hexachlorobenzene	14.37	284	140772	39.016	ng	#	89
68) Atrazine	14.63	200	143022	41.883	ng		97
69) Pentachlorophenol	14.72	266	111834	69.391	ng		99
70) Phenanthrene	15.02	178	803724	41.977	ng		98
71) Anthracene	15.10	178	841784	43.040	ng		99
72) Carbazole	15.38	167	696791	39.156	ng		97
73) Di-n-butylphthalate	15.95	149	898483	40.487	ng		99
74) Fluoranthene	16.76	202	833020	42.413	ng		99
76) Benzidine	16.98	184	223581	35.682	ng	#	93
77) Pyrene	17.06	202	851697	46.453	ng		99
79) Butylbenzylphthalate	17.97	149	388127	45.512	ng		90
80) Benzo(a)anthracene	18.64	228	611297	42.845	ng		98
81) 3,3'-Dichlorobenzidine	18.62	252	139770	28.364	ng	#	95
82) Chrysene	18.68	228	562445	40.769	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	499728	41.127	ng	#	98
84) Di-n-octyl phthalate	19.48	149	853842	42.861	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	432672	38.620	ng		99
87) Benzo(b)fluoranthene	19.91	252	492301	42.715	ng		97
88) Benzo(k)fluoranthene	19.94	252	487490	43.850	ng	#	93
89) Benzo(a)pyrene	20.25	252	462514	43.490	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	362689	41.294	ng		99
91) Benzo(g,h,i)perylene	21.97	276	363341	42.155	ng		97

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

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