Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092942.D
Acq On : 14 Feb 2017 14:26
Operator : SJ/MA
Sample : PB96923BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96923BS

Manual Integrations APPROVED
mohammad
2/15/2017 9:05:50 AM

Quant Time: Feb 14 17:46:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	135553	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	580568	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	313779	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	525584	20.00	ng		0.00
75) Chrysene-d12	14.03	240	396476	20.00	ng		-0.02
86) Perylene-d12	15.47	264	330957	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1169527	148.02	ng		0.01
7) Phenol-d6	6.52	99	1346903	132.49	ng		-0.01
23) Nitrobenzene-d5	7.45	82	841937	80.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	294225	129.65	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1529205	88.29	ng		0.00
78) Terphenyl-d14	12.98	244	1332405	78.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	164475	38.52	ng	#	85
3) Pyridine	3.29	79	453345	41.76	ng		86
4) n-Nitrosodimethylamine	3.24	42	226748	44.48	ng		86
6) Aniline	6.54	93	342030	24.66	ng	#	52
8) 2-Chlorophenol	6.67	128	405933	46.57	ng		92
9) Benzaldehyde	6.42	77	92056	12.64	ng	#	83
10) Phenol	6.53	94	464547	39.06	ng		86
11) bis(2-Chloroethyl)ether	6.61	93	389754	41.05	ng		88
12) 1,3-Dichlorobenzene	6.82	146	448284m	43.91	ng		
13) 1,4-Dichlorobenzene	6.90	146	473668	45.84	ng		95
14) 1,2-Dichlorobenzene	7.05	146	407820	41.27	ng		99
15) Benzyl Alcohol	7.02	79	330361	43.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	680735	41.27	ng		92
17) 2-Methylphenol	7.14	107	343663	45.96	ng		97
18) Hexachloroethane	7.39	117	151136	42.85	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	286611	44.29	ng		97
20) 3+4-Methylphenols	7.30	107	415367	46.46	ng		97
22) Acetophenone	7.29	105	531602	40.10	ng	#	94
24) Nitrobenzene	7.47	77	469032	43.81	ng	#	87
25) Isophorone	7.71	82	820557	42.24	ng		99
26) 2-Nitrophenol	7.78	139	214972	42.24	ng		96
27) 2,4-Dimethylphenol	7.82	122	385412	43.13	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	506415	39.36	ng		98
29) 2,4-Dichlorophenol	8.03	162	376568	45.18	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	381933	42.52	ng		97
31) Naphthalene	8.19	128	1220988	41.49	ng		99
32) Benzoic acid	7.96	122	189122	38.94	ng		91
33) 4-Chloroaniline	8.24	127	181652	15.74	ng		98
34) Hexachlorobutadiene	8.30	225	198713	40.21	ng		100
35) Caprolactam	8.61	113	120298m	45.88	ng		
36) 4-Chloro-3-methylphenol	8.73	107	373170	42.94	ng		95
37) 2-Methylnaphthalene	8.88	142	770305	40.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	363024	41.22	ng		99
40) Hexachlorocyclopentadiene	9.02	237	222026	55.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260791	45.06	ng		92
43) 2,4,5-Trichlorophenol	9.21	196	265615m	41.89	ng		
45) 1,1'-Biphenyl	9.34	154	995432	43.81	ng		99
46) 2-Chloronaphthalene	9.37	162	792098	44.56	ng		98
47) 2-Nitroaniline	9.46	65	243921	40.82	ng		92
48) Acenaphthylene	9.78	152	1176969	38.33	ng		99
49) Dimethylphthalate	9.64	163	849066	40.17	ng		98
50) 2,6-Dinitrotoluene	9.71	165	218819	47.94	ng	#	88
51) Acenaphthene	9.95	154	687699	37.46	ng		98
52) 3-Nitroaniline	9.87	138	121514	23.26	ng		93
53) 2,4-Dinitrophenol	9.98	184	183438	79.06	ng	#	72
54) Dibenzofuran	10.12	168	999096	40.69	ng		97
55) 4-Nitrophenol	10.05	139	327259	86.99	ng	#	72
56) 2,4-Dinitrotoluene	10.11	165	252273	41.52	ng		96
57) Fluorene	10.46	166	793495	42.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207606	49.08	ng		94
59) Diethylphthalate	10.34	149	820330	41.19	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	340581	37.53	ng		95
61) 4-Nitroaniline	10.49	138	194457	36.35	ng		93
62) Azobenzene	10.61	77	927507	45.07	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	147336	46.16	ng		95
65) n-Nitrosodiphenylamine	10.58	169	729778	43.47	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	224185	40.83	ng		96
67) Hexachlorobenzene	11.01	284	235768	43.45	ng		99
68) Atrazine	11.10	200	222542	41.30	ng		99
69) Pentachlorophenol	11.21	266	239033	84.85	ng		97
70) Phenanthrene	11.42	178	1189476	39.50	ng		99
71) Anthracene	11.47	178	1240756	41.03	ng		99
72) Carbazole	11.63	167	1011299	34.99	ng		99
73) Di-n-butylphthalate	11.96	149	1445282	46.23	ng	#	97
74) Fluoranthene	12.61	202	1282258	41.28	ng		93
76) Benzidine	12.73	184	315212	18.66	ng		97
77) Pyrene	12.84	202	1304238	43.96	ng		99
79) Butylbenzylphthalate	13.46	149	602256	49.98	ng	#	73
80) Benzo(a)anthracene	14.02	228	976233	40.26	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	220655	25.53	ng	#	97
82) Chrysene	14.07	228	1019897	44.92	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	762167	46.25	ng		99
84) Di-n-octyl phthalate	14.63	149	1385133	51.62	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	734349	41.76	ng		95
87) Benzo(b)fluoranthene	15.06	252	934003	42.88	ng		97
88) Benzo(k)fluoranthene	15.08	252	784589m	41.71	ng		
89) Benzo(a)pyrene	15.41	252	812207	43.10	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	611468	40.15	ng		98
91) Benzo(g,h,i)perylene	17.31	276	610881	39.71	ng	#	91

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

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