Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101561.D
Acq On : 20 Dec 2017 12:20
Operator : SJ/JU
Sample : PB105158BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105158BS

Manual Integrations APPROVED
Sohil
12/21/2017 12:06:54 PM

Quant Time: Dec 20 14:33:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	161274	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	646591	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	299276	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	559327	20.00	ng		0.00
75) Chrysene-d12	13.97	240	412278	20.00	ng		0.00
86) Perylene-d12	15.43	264	349428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1062122	98.10	ng		0.02
7) Phenol-d6	6.45	99	1258705	93.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	805780	69.37	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	291365	101.04	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1354881	70.23	ng		0.00
78) Terphenyl-d14	12.91	244	1332267	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	169671	30.499	ng		94
3) Pyridine	3.37	79	438769	28.387	ng		98
4) n-Nitrosodimethylamine	3.32	42	226047	31.763	ng		93
6) Aniline	6.47	93	156624	8.364	ng	#	64
8) 2-Chlorophenol	6.59	128	366804	32.207	ng		99
9) Benzaldehyde	6.35	77	224645	22.575	ng		96
10) Phenol	6.46	94	466979	30.407	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	379513	31.504	ng		93
12) 1,3-Dichlorobenzene	6.73	146	399271	31.062	ng		99
13) 1,4-Dichlorobenzene	6.81	146	403964	30.775	ng		99
14) 1,2-Dichlorobenzene	6.96	146	365827	30.962	ng		99
15) Benzyl Alcohol	6.95	79	273110	29.448	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	616131	33.419	ng		63
17) 2-Methylphenol	7.06	107	304988	29.112	ng	#	88
18) Hexachloroethane	7.30	117	144128	31.581	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	264199	29.857	ng		92
20) 3+4-Methylphenols	7.22	107	401243	36.143	ng		94
22) Acetophenone	7.21	105	515269	34.925	ng	#	94
24) Nitrobenzene	7.39	77	409450	31.850	ng		99
25) Isophorone	7.62	82	751001	32.230	ng		98
26) 2-Nitrophenol	7.70	139	205389	37.188	ng		95
27) 2,4-Dimethylphenol	7.74	122	330634	35.238	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	477949	32.290	ng		99
29) 2,4-Dichlorophenol	7.95	162	314360	33.912	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	313204	32.017	ng		95
31) Naphthalene	8.10	128	1026555	31.536	ng		99
32) Benzoic acid	7.90	122	243509	40.090	ng		97
33) 4-Chloroaniline	8.16	127	68723	4.857	ng		98
34) Hexachlorobutadiene	8.20	225	178614	31.569	ng		99
35) Caprolactam	8.54	113	111159m	34.535	ng		
36) 4-Chloro-3-methylphenol	8.65	107	328620	32.254	ng		98
37) 2-Methylnaphthalene	8.79	142	681382	32.128	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	327974	32.459	ng		98
40) Hexachlorocyclopentadiene	8.93	237	123465	64.225	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	207679	34.140	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	208998	31.378	ng		96
45) 1,1'-Biphenyl	9.26	154	843133	31.767	ng		98
46) 2-Chloronaphthalene	9.28	162	629939	31.019	ng		98
47) 2-Nitroaniline	9.39	65	222997	31.786	ng		95
48) Acenaphthylene	9.70	152	934728	29.141	ng		100
49) Dimethylphthalate	9.56	163	706634	29.354	ng		100
50) 2,6-Dinitrotoluene	9.63	165	158874	32.472	ng		95
51) Acenaphthene	9.87	154	568382	29.494	ng		100
52) 3-Nitroaniline	9.80	138	86922	14.250	ng		95
53) 2,4-Dinitrophenol	9.93	184	132226	77.905	ng	#	18
54) Dibenzofuran	10.04	168	800124	32.671	ng		98
55) 4-Nitrophenol	9.99	139	167468	62.962	ng		88
56) 2,4-Dinitrotoluene	10.05	165	196183	35.590	ng	#	86
57) Fluorene	10.39	166	659018	31.809	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	172441	36.035	ng		89
59) Diethylphthalate	10.26	149	718586	30.144	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	318420	32.069	ng	#	88
61) 4-Nitroaniline	10.43	138	157692	25.719	ng		94
62) Azobenzene	10.53	77	766350	31.033	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	95867	33.587	ng		84
65) n-Nitrosodiphenylamine	10.50	169	614787	29.768	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	203470	32.375	ng	#	87
67) Hexachlorobenzene	10.94	284	209784	31.539	ng	#	85
68) Atrazine	11.03	200	199412	32.382	ng		96
69) Pentachlorophenol	11.14	266	178659	69.966	ng		97
70) Phenanthrene	11.35	178	965558	31.042	ng		99
71) Anthracene	11.40	178	996096	31.350	ng		99
72) Carbazole	11.56	167	880679	29.605	ng		100
73) Di-n-butylphthalate	11.87	149	1167297	32.330	ng		99
74) Fluoranthene	12.54	202	1012727	31.019	ng		97
76) Benzidine	12.67	184	39130	2.247	ng		98
77) Pyrene	12.77	202	1029000	33.256	ng		100
79) Butylbenzylphthalate	13.37	149	471624	33.687	ng		98
80) Benzo(a)anthracene	13.96	228	847888	31.146	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	183205	20.639	ng	#	96
82) Chrysene	14.00	228	807194	31.404	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	607815	34.276	ng		99
84) Di-n-octyl phthalate	14.54	149	988384	31.253	ng		97
85) Indeno(1,2,3-cd)pyrene	16.91	276	680975	29.751	ng		96
87) Benzo(b)fluoranthene	15.01	252	651666	30.597	ng		99
88) Benzo(k)fluoranthene	15.04	252	664254	32.077	ng		98
89) Benzo(a)pyrene	15.37	252	620024	31.579	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	562803	33.386	ng		97
91) Benzo(g,h,i)perylene	17.35	276	600091	35.950	ng		95

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

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