Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101328.D
Acq On : 12 Dec 2017 14:33
Operator : SJ/JU
Sample : PB104934BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Manual Integrations APPROVED
Sohil
12/13/2017 12:07:30 PM

Quant Time: Dec 13 01:24:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42252	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	168781	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	82275	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	162774	20.00	ng		0.00
75) Chrysene-d12	14.01	240	127602	20.00	ng		0.00
86) Perylene-d12	15.48	264	103730	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	336674	131.67	ng		0.02
7) Phenol-d6	6.47	99	405761	130.71	ng		0.00
23) Nitrobenzene-d5	7.39	82	251215	88.79	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	124684	126.15	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	563636	93.73	ng		0.00
78) Terphenyl-d14	12.94	244	602572	103.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	38317	36.239	ng		95
3) Pyridine	3.41	79	111262	40.592	ng		95
4) n-Nitrosodimethylamine	3.36	42	57783	43.163	ng		89
6) Aniline	6.49	93	54123	13.407	ng	#	88
8) 2-Chlorophenol	6.62	128	122984	44.113	ng		91
9) Benzaldehyde	6.37	77	31141	16.390	ng		97
10) Phenol	6.48	94	139994	40.556	ng		90
11) bis(2-Chloroethyl)ether	6.56	93	109807	42.410	ng		99
12) 1,3-Dichlorobenzene	6.76	146	136524	42.055	ng		98
13) 1,4-Dichlorobenzene	6.84	146	139672	41.557	ng		97
14) 1,2-Dichlorobenzene	6.99	146	132101	42.138	ng		96
15) Benzyl Alcohol	6.97	79	101910	42.504	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	169151	48.062	ng		73
17) 2-Methylphenol	7.08	107	98762	43.871	ng		96
18) Hexachloroethane	7.33	117	45805	42.420	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	81896	39.172	ng		93
20) 3+4-Methylphenols	7.24	107	127724	43.504	ng	#	72
22) Acetophenone	7.23	105	159793	39.187	ng	#	90
24) Nitrobenzene	7.41	77	118801	42.842	ng		98
25) Isophorone	7.65	82	222196	45.976	ng		100
26) 2-Nitrophenol	7.73	139	67200	44.145	ng		92
27) 2,4-Dimethylphenol	7.76	122	110765	50.300	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	138130	42.525	ng		99
29) 2,4-Dichlorophenol	7.97	162	110296	46.015	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	115198	43.707	ng		99
31) Naphthalene	8.13	128	353324	42.475	ng		98
32) Benzoic acid	7.92	122	73927	43.164	ng		95
33) 4-Chloroaniline	8.19	127	25906	7.751	ng		98
34) Hexachlorobutadiene	8.23	225	69327	42.886	ng		97
35) Caprolactam	8.56	113	32888m	44.027	ng		
36) 4-Chloro-3-methylphenol	8.67	107	111912	45.073	ng		99
37) 2-Methylnaphthalene	8.82	142	242589	42.919	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	114958	38.462	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	65682	62.305	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	79169	45.185	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	82028	43.792	ng		95
45) 1,1'-Biphenyl	9.29	154	290388	38.523	ng		97
46) 2-Chloronaphthalene	9.31	162	234694	43.840	ng		96
47) 2-Nitroaniline	9.42	65	67490	42.611	ng		96
48) Acenaphthylene	9.73	152	363017	41.263	ng		99
49) Dimethylphthalate	9.59	163	279875	42.180	ng		99
50) 2,6-Dinitrotoluene	9.66	165	60663	43.407	ng		92
51) Acenaphthene	9.90	154	217631	41.312	ng		99
52) 3-Nitroaniline	9.83	138	23843	15.171	ng	#	91
53) 2,4-Dinitrophenol	9.95	184	60621	84.090	ng	#	19
54) Dibenzofuran	10.07	168	323640	42.631	ng		99
55) 4-Nitrophenol	10.01	139	69196	65.285	ng		97
56) 2,4-Dinitrotoluene	10.07	165	80045	42.738	ng	#	93
57) Fluorene	10.42	166	265682	43.051	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	65760	43.846	ng	#	87
59) Diethylphthalate	10.29	149	276728	42.283	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	130671	42.884	ng		92
61) 4-Nitroaniline	10.45	138	62509	38.315	ng		90
62) Azobenzene	10.56	77	238834	43.001	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	40090	36.720	ng		76
65) n-Nitrosodiphenylamine	10.53	169	244296	42.542	ng		95
66) 4-Bromophenyl-phenylether	10.89	248	78558	43.117	ng		93
67) Hexachlorobenzene	10.97	284	82426	42.211	ng	#	87
68) Atrazine	11.06	200	75011	42.584	ng		96
69) Pentachlorophenol	11.17	266	67726	63.078	ng		97
70) Phenanthrene	11.39	178	385390	42.994	ng		98
71) Anthracene	11.43	178	401014	44.202	ng		98
72) Carbazole	11.59	167	345970	41.738	ng		99
73) Di-n-butylphthalate	11.91	149	444717	42.804	ng		97
74) Fluoranthene	12.57	202	421109	42.381	ng		96
76) Benzidine	12.69	184	93969	22.646	ng		97
77) Pyrene	12.80	202	423365	48.083	ng		99
79) Butylbenzylphthalate	13.41	149	177979	45.847	ng		94
80) Benzo(a)anthracene	14.00	228	363928	45.171	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	56955	20.413	ng		99
82) Chrysene	14.03	228	335585	44.850	ng		97
83) Bis(2-ethylhexyl)phthalate	13.96	149	250461	45.250	ng		98
84) Di-n-octyl phthalate	14.58	149	390385	42.359	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	255373	38.390	ng	#	92
87) Benzo(b)fluoranthene	15.05	252	279000	44.905	ng		98
88) Benzo(k)fluoranthene	15.08	252	272237	44.473	ng	#	96
89) Benzo(a)pyrene	15.42	252	253772	44.927	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	210264	42.224	ng		96
91) Benzo(g,h,i)perylene	17.42	276	212458	45.272	ng	#	93

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

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