Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100007.D
Acq On : 31 Oct 2017 17:07
Operator : SJ/JU
Sample : PB103707BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103707BSD

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:44 PM

Quant Time: Nov 01 04:57:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84942	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	375930	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	189748	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	353526	20.00	ng		0.00
75) Chrysene-d12	13.98	240	271776	20.00	ng		0.00
86) Perylene-d12	15.46	264	233141	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	370393	68.46	ng		0.01
7) Phenol-d6	6.43	99	437205	68.15	ng		0.00
23) Nitrobenzene-d5	7.36	82	359804	61.62	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	113397	65.58	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	804749	65.43	ng		0.00
78) Terphenyl-d14	12.90	244	817111	65.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	69149	28.942	ng		91
3) Pyridine	3.35	79	152381	26.522	ng	#	86
4) n-Nitrosodimethylamine	3.30	42	61657	30.038	ng	#	65
6) Aniline	6.46	93	118943	14.299	ng	#	77
8) 2-Chlorophenol	6.57	128	208341	36.130	ng		92
9) Benzaldehyde	6.35	77	80180	20.915	ng		92
10) Phenol	6.45	94	242256	34.394	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	179872	33.070	ng		95
12) 1,3-Dichlorobenzene	6.72	146	214655	33.153	ng		97
13) 1,4-Dichlorobenzene	6.80	146	220373	33.536	ng		96
14) 1,2-Dichlorobenzene	6.96	146	203413	33.965	ng		96
15) Benzyl Alcohol	6.94	79	140004	34.316	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	228861	37.878	ng	#	26
17) 2-Methylphenol	7.05	107	168107	34.852	ng		94
18) Hexachloroethane	7.29	117	72036	32.859	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	129397	34.419	ng	#	86
20) 3+4-Methylphenols	7.21	107	222303	39.582	ng	#	79
22) Acetophenone	7.20	105	266777	31.167	ng	#	94
24) Nitrobenzene	7.37	77	188361	32.015	ng		93
25) Isophorone	7.61	82	367479	34.682	ng		97
26) 2-Nitrophenol	7.69	139	113767	33.761	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	187912	37.847	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	243629	32.832	ng		98
29) 2,4-Dichlorophenol	7.94	162	183071	35.494	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	180061	32.673	ng		98
31) Naphthalene	8.09	128	592869	32.671	ng		99
32) Benzoic acid	7.89	122	85645	19.597	ng		93
33) 4-Chloroaniline	8.16	127	82691	11.035	ng	#	93
34) Hexachlorobutadiene	8.20	225	90119	31.792	ng		99
35) Caprolactam	8.53	113	57317m	35.337	ng		
36) 4-Chloro-3-methylphenol	8.65	107	183182	34.796	ng		93
37) 2-Methylnaphthalene	8.78	142	422959	34.781	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173703	28.344	ng		98
40) Hexachlorocyclopentadiene	8.93	237	49097	47.528	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	116186	31.343	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	119434	30.361	ng		94
45) 1,1'-Biphenyl	9.25	154	504296	29.378	ng		99
46) 2-Chloronaphthalene	9.27	162	394512	31.647	ng		96
47) 2-Nitroaniline	9.39	65	103727	31.703	ng	#	82
48) Acenaphthylene	9.69	152	588096	30.629	ng		99
49) Dimethylphthalate	9.55	163	465448	30.975	ng		100
50) 2,6-Dinitrotoluene	9.63	165	106163	33.607	ng	#	77
51) Acenaphthene	9.86	154	357351	30.460	ng		99
52) 3-Nitroaniline	9.80	138	53176	14.286	ng		92
53) 2,4-Dinitrophenol	9.93	184	57727	48.713	ng	#	79
54) Dibenzofuran	10.03	168	541747	32.713	ng		99
55) 4-Nitrophenol	9.99	139	86335	44.392	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	134970	35.479	ng		92
57) Fluorene	10.38	166	442900	32.301	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	97947	35.513	ng	#	89
59) Diethylphthalate	10.25	149	465470	31.721	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	203031	31.463	ng		95
61) 4-Nitroaniline	10.42	138	102035	28.733	ng		85
62) Azobenzene	10.53	77	396360	32.222	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	54763	24.643	ng	#	73
65) n-Nitrosodiphenylamine	10.49	169	395791	30.328	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	122857	33.010	ng	#	90
67) Hexachlorobenzene	10.93	284	122879	32.272	ng		95
68) Atrazine	11.02	200	128050	32.665	ng		98
69) Pentachlorophenol	11.13	266	83363	51.238	ng		98
70) Phenanthrene	11.35	178	635965	31.876	ng		99
71) Anthracene	11.40	178	654383	32.313	ng		99
72) Carbazole	11.56	167	606012	31.821	ng		98
73) Di-n-butylphthalate	11.87	149	764774	31.484	ng		98
74) Fluoranthene	12.54	202	662594	31.957	ng		99
76) Benzidine	12.66	184	190205	15.994	ng		98
77) Pyrene	12.77	202	672962	32.564	ng		99
79) Butylbenzylphthalate	13.37	149	314140	30.869	ng		90
80) Benzo(a)anthracene	13.97	228	548015	31.808	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	126702	20.259	ng		99
82) Chrysene	14.01	228	528682	32.640	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	435194	30.453	ng		99
84) Di-n-octyl phthalate	14.56	149	757244	30.872	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.96	276	387446	26.056	ng		97
87) Benzo(b)fluoranthene	15.03	252	504111m	34.243	ng		
88) Benzo(k)fluoranthene	15.06	252	447889	32.264	ng		98
89) Benzo(a)pyrene	15.40	252	441424	33.380	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	326828	27.814	ng		97
91) Benzo(g,h,i)perylene	17.40	276	317581	27.625	ng		96

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

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