Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100249.D
Acq On : 6 Nov 2017 14:01
Operator : SJ/JU
Sample : PB103849BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103849BS

Manual Integrations APPROVED
Sohil
11/7/2017 5:39:42 PM

Quant Time: Nov 07 10:27:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99539	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	411146	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	193573	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	353977	20.00	ng		0.00
75) Chrysene-d12	13.94	240	263609	20.00	ng		0.00
86) Perylene-d12	15.40	264	200491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	756172	119.27	ng		0.02
7) Phenol-d6	6.42	99	847866	112.78	ng		0.00
23) Nitrobenzene-d5	7.33	82	482365	75.53	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	199877	113.30	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1009867	80.49	ng		0.00
78) Terphenyl-d14	12.87	244	921652	76.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	91260	32.595	ng	#	88
3) Pyridine	3.33	79	216156m	32.104	ng		
4) n-Nitrosodimethylamine	3.29	42	81806	34.010	ng	#	69
6) Aniline	6.43	93	218448	22.411	ng	#	53
8) 2-Chlorophenol	6.55	128	277117	41.010	ng		92
9) Benzaldehyde	6.33	77	98950	22.027	ng		88
10) Phenol	6.43	94	316740	38.374	ng		98
11) bis(2-Chloroethyl)ether	6.50	93	238671	37.445	ng		94
12) 1,3-Dichlorobenzene	6.70	146	290215m	38.250	ng		
13) 1,4-Dichlorobenzene	6.77	146	298938	38.821	ng		97
14) 1,2-Dichlorobenzene	6.93	146	267305	38.088	ng		96
15) Benzyl Alcohol	6.92	79	195084	40.804	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	295555	41.743	ng		52
17) 2-Methylphenol	7.03	107	223670	39.572	ng	#	92
18) Hexachloroethane	7.26	117	96569	37.589	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	168542	38.257	ng		88
20) 3+4-Methylphenols	7.19	107	305168	46.368	ng		93
22) Acetophenone	7.18	105	358422	38.287	ng	#	90
24) Nitrobenzene	7.35	77	251513	39.087	ng		90
25) Isophorone	7.59	82	480228	41.441	ng		97
26) 2-Nitrophenol	7.67	139	157959	42.860	ng	#	84
27) 2,4-Dimethylphenol	7.71	122	249036	45.861	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	315331	38.854	ng		99
29) 2,4-Dichlorophenol	7.92	162	246758	43.743	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	234360	38.883	ng		99
31) Naphthalene	8.06	128	780737	39.339	ng		100
32) Benzoic acid	7.89	122	154023	32.224	ng		95
33) 4-Chloroaniline	8.13	127	108152	13.197	ng		96
34) Hexachlorobutadiene	8.16	225	116744	37.657	ng		99
35) Caprolactam	8.52	113	76343m	43.035	ng		
36) 4-Chloro-3-methylphenol	8.63	107	242606	42.136	ng		95
37) 2-Methylnaphthalene	8.75	142	542367	40.780	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	231456	37.022	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	56543	51.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148651	39.308	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	144748	36.069	ng		93
45) 1,1'-Biphenyl	9.22	154	651637	37.212	ng		99
46) 2-Chloronaphthalene	9.25	162	508123	39.955	ng		97
47) 2-Nitroaniline	9.36	65	132780	39.781	ng	#	83
48) Acenaphthylene	9.66	152	761682	38.886	ng		99
49) Dimethylphthalate	9.52	163	581564	37.938	ng		99
50) 2,6-Dinitrotoluene	9.60	165	133147	41.317	ng	#	81
51) Acenaphthene	9.83	154	462821	38.670	ng		99
52) 3-Nitroaniline	9.78	138	85221	22.443	ng		82
53) 2,4-Dinitrophenol	9.91	184	95809	75.639	ng	#	79
54) Dibenzofuran	10.00	168	704108	41.677	ng		100
55) 4-Nitrophenol	9.97	139	69213m	34.885	ng		
56) 2,4-Dinitrotoluene	10.02	165	187928	48.423	ng	#	76
57) Fluorene	10.35	166	559114	39.971	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	123226	43.795	ng		91
59) Diethylphthalate	10.22	149	560887	37.468	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	254797	38.704	ng		93
61) 4-Nitroaniline	10.41	138	146644	40.479	ng		81
62) Azobenzene	10.50	77	484123	38.579	ng		88
64) 4,6-Dinitro-2-methylphenol	10.44	198	80041	35.972	ng	#	72
65) n-Nitrosodiphenylamine	10.46	169	497943	38.107	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	150153	40.293	ng		93
67) Hexachlorobenzene	10.90	284	152613	40.030	ng		95
68) Atrazine	10.99	200	151969	38.717	ng		98
69) Pentachlorophenol	11.11	266	90053	55.279	ng		96
70) Phenanthrene	11.32	178	791303	39.611	ng		99
71) Anthracene	11.37	178	825896	40.730	ng		99
72) Carbazole	11.53	167	784322	41.132	ng		98
73) Di-n-butylphthalate	11.83	149	889673	36.580	ng		99
74) Fluoranthene	12.51	202	828481	39.907	ng		98
76) Benzidine	12.63	184	248003	21.500	ng		98
77) Pyrene	12.74	202	838740	41.844	ng		99
79) Butylbenzylphthalate	13.34	149	378640	38.360	ng		86
80) Benzo(a)anthracene	13.93	228	657462	39.343	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	137827	22.721	ng		97
82) Chrysene	13.97	228	634086	40.360	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	496225	35.799	ng		100
84) Di-n-octyl phthalate	14.50	149	850498	35.749	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	443007	30.716	ng		96
87) Benzo(b)fluoranthene	14.98	252	500697	39.549	ng		97
88) Benzo(k)fluoranthene	15.01	252	539727	45.211	ng		100
89) Benzo(a)pyrene	15.34	252	479772	42.188	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	375590	37.169	ng		96
91) Benzo(g,h,i)perylene	17.32	276	387835	39.230	ng		98

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

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