Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100339.D
Acq On : 9 Nov 2017 13:56
Operator : SJ/JU
Sample : PB103993BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103993BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:14:57 PM

Quant Time: Nov 09 16:26:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138910	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	535618	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	221545	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	361526	20.00	ng		0.00
75) Chrysene-d12	14.07	240	293147	20.00	ng		0.00
86) Perylene-d12	15.55	264	214654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	988745	114.10	ng		0.02
7) Phenol-d6	6.53	99	1194204	111.75	ng		0.01
23) Nitrobenzene-d5	7.47	82	729208	90.01	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	236061	104.57	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1290268	88.68	ng		0.00
78) Terphenyl-d14	13.01	244	1024778	80.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	141719	33.558	ng		95
3) Pyridine	3.56	79	420637	36.509	ng		95
4) n-Nitrosodimethylamine	3.50	42	205549	36.745	ng		96
6) Aniline	6.57	93	256613	16.998	ng		98
8) 2-Chlorophenol	6.69	128	365561	39.876	ng		97
9) Benzaldehyde	6.46	77	236515	30.993	ng		95
10) Phenol	6.55	94	454004	40.471	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	362610	38.483	ng		96
12) 1,3-Dichlorobenzene	6.85	146	409033	38.700	ng		98
13) 1,4-Dichlorobenzene	6.92	146	409672	38.296	ng		98
14) 1,2-Dichlorobenzene	7.07	146	380495	38.470	ng		97
15) Benzyl Alcohol	7.04	79	313420	37.581	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	652796	43.316	ng		98
17) 2-Methylphenol	7.15	107	313084	39.964	ng		98
18) Hexachloroethane	7.42	117	112076	31.775	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	256278	34.582	ng		94
20) 3+4-Methylphenols	7.30	107	378972	38.227	ng	#	78
22) Acetophenone	7.31	105	495988	37.975	ng	#	95
24) Nitrobenzene	7.49	77	382715	45.897	ng		99
25) Isophorone	7.72	82	703131	41.301	ng		98
26) 2-Nitrophenol	7.80	139	174328	44.972	ng		98
27) 2,4-Dimethylphenol	7.83	122	342656	44.898	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	452261	40.612	ng		99
29) 2,4-Dichlorophenol	8.04	162	300824	41.290	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	312917	39.706	ng		95
31) Naphthalene	8.21	128	1003642	38.904	ng		100
32) Benzoic acid	7.93	122	115555	25.283	ng		97
33) 4-Chloroaniline	8.25	127	105662	9.840	ng		98
34) Hexachlorobutadiene	8.32	225	185031	39.488	ng		97
35) Caprolactam	8.62	113	93381m	37.348	ng		
36) 4-Chloro-3-methylphenol	8.73	107	300189	38.364	ng		95
37) 2-Methylnaphthalene	8.90	142	658850	38.467	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	295523	40.221	ng		96
40) Hexachlorocyclopentadiene	9.05	237	81138	23.463	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	201794	43.334	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	201360	41.735	ng		96
45) 1,1'-Biphenyl	9.36	154	762910	39.815	ng		99
46) 2-Chloronaphthalene	9.39	162	584584	42.054	ng		97
47) 2-Nitroaniline	9.48	65	196214	47.783	ng		94
48) Acenaphthylene	9.80	152	876325	38.040	ng		99
49) Dimethylphthalate	9.66	163	706773	41.783	ng		100
50) 2,6-Dinitrotoluene	9.72	165	132701	39.633	ng		95
51) Acenaphthene	9.97	154	513876	36.678	ng		99
52) 3-Nitroaniline	9.89	138	123780	31.307	ng		96
53) 2,4-Dinitrophenol	9.99	184	21800	26.048	ng	#	16
54) Dibenzofuran	10.15	168	750624	38.225	ng		99
55) 4-Nitrophenol	10.05	139	218257	67.984	ng		92
56) 2,4-Dinitrotoluene	10.12	165	159164	37.681	ng		95
57) Fluorene	10.49	166	541199	37.622	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	152419	38.546	ng	#	88
59) Diethylphthalate	10.36	149	666699	39.386	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	277575	39.334	ng		92
61) 4-Nitroaniline	10.50	138	143851	38.370	ng		90
62) Azobenzene	10.64	77	592123	37.140	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	17751	16.558	ng		83
65) n-Nitrosodiphenylamine	10.60	169	529814	42.147	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	171741	44.314	ng		91
67) Hexachlorobenzene	11.04	284	169592	41.840	ng	#	82
68) Atrazine	11.12	200	164865	43.327	ng		96
69) Pentachlorophenol	11.23	266	195615	67.304	ng		98
70) Phenanthrene	11.45	178	764887	40.184	ng		99
71) Anthracene	11.50	178	792288	41.026	ng		99
72) Carbazole	11.66	167	709518	39.818	ng		99
73) Di-n-butylphthalate	11.99	149	921609	44.196	ng		99
74) Fluoranthene	12.64	202	815824	40.441	ng		98
76) Benzidine	12.76	184	588811	50.155	ng		98
77) Pyrene	12.87	202	834641	39.941	ng		100
79) Butylbenzylphthalate	13.49	149	376160	44.140	ng		93
80) Benzo(a)anthracene	14.06	228	703603	39.857	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	253359	40.057	ng		98
82) Chrysene	14.10	228	668976	39.133	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	522391	46.607	ng		99
84) Di-n-octyl phthalate	14.66	149	871723	45.272	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	473155	34.219	ng		97
87) Benzo(b)fluoranthene	15.12	252	525831	41.348	ng		98
88) Benzo(k)fluoranthene	15.14	252	503072	41.867	ng		98
89) Benzo(a)pyrene	15.49	252	469771	41.668	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	397386	43.100	ng		99
91) Benzo(g,h,i)perylene	17.50	276	390716	43.290	ng		96

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

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