Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100372.D
Acq On : 10 Nov 2017 6:31
Operator : SJ/JU
Sample : PB104036BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104036BS

Manual Integrations APPROVED
Sohil
11/10/2017 1:31:09 PM

Quant Time: Nov 10 07:02:11 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	170723	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	679862	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	304711	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	526749	20.00	ng		0.00
75) Chrysene-d12	14.06	240	336178	20.00	ng		0.00
86) Perylene-d12	15.54	264	337986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	714618	67.10	ng		0.01
7) Phenol-d6	6.52	99	880614	67.05	ng		0.00
23) Nitrobenzene-d5	7.46	82	791571	76.98	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	211147	68.00	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1423677	71.14	ng		0.00
78) Terphenyl-d14	13.01	244	1121172	76.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	142211	27.400	ng		94
3) Pyridine	3.55	79	403372	28.486	ng		92
4) n-Nitrosodimethylamine	3.50	42	205646	29.912	ng		96
6) Aniline	6.56	93	162894m	8.779	ng		
8) 2-Chlorophenol	6.69	128	389301	34.552	ng		99
9) Benzaldehyde	6.45	77	234884	25.044	ng		99
10) Phenol	6.54	94	466171	33.812	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	374327	32.324	ng		94
12) 1,3-Dichlorobenzene	6.85	146	419123	32.265	ng		97
13) 1,4-Dichlorobenzene	6.92	146	425970	32.399	ng		96
14) 1,2-Dichlorobenzene	7.07	146	398076	32.747	ng		98
15) Benzyl Alcohol	7.04	79	347082	33.862	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	688735m	37.185	ng		
17) 2-Methylphenol	7.15	107	331259	34.405	ng		99
18) Hexachloroethane	7.42	117	144490	33.332	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	276162	30.321	ng		97
20) 3+4-Methylphenols	7.30	107	405144	33.252	ng		94
22) Acetophenone	7.31	105	511605	30.860	ng	#	97
24) Nitrobenzene	7.49	77	412498	38.973	ng		96
25) Isophorone	7.72	82	762924	35.305	ng		99
26) 2-Nitrophenol	7.80	139	207402	42.490	ng		98
27) 2,4-Dimethylphenol	7.83	122	375353	38.748	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	481364	34.055	ng		100
29) 2,4-Dichlorophenol	8.04	162	337172	36.460	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	337727	33.762	ng		96
31) Naphthalene	8.21	128	1095886	33.466	ng		99
32) Benzoic acid	7.93	122	244002	35.842	ng		98
33) 4-Chloroaniline	8.25	127	50958	3.739	ng		98
34) Hexachlorobutadiene	8.32	225	198849	33.433	ng		98
35) Caprolactam	8.63	113	107044m	33.729	ng		
36) 4-Chloro-3-methylphenol	8.73	107	342789	34.513	ng		99
37) 2-Methylnaphthalene	8.90	142	734895	33.804	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	332701	32.922	ng		98
40) Hexachlorocyclopentadiene	9.05	237	244160	51.335	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	239891	37.454	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	247510	37.298	ng		95
45) 1,1'-Biphenyl	9.36	154	862768	32.737	ng		98
46) 2-Chloronaphthalene	9.39	162	684724	35.814	ng		97
47) 2-Nitroaniline	9.48	65	220594	39.567	ng		95
48) Acenaphthylene	9.80	152	1038771	32.784	ng		99
49) Dimethylphthalate	9.66	163	802244	34.483	ng		99
50) 2,6-Dinitrotoluene	9.72	165	176114	38.242	ng		97
51) Acenaphthene	9.97	154	652341	33.853	ng		100
52) 3-Nitroaniline	9.89	138	57547	10.582	ng		93
53) 2,4-Dinitrophenol	9.99	184	102718	59.016	ng	#	17
54) Dibenzofuran	10.15	168	913032	33.806	ng		99
55) 4-Nitrophenol	10.05	139	288392	65.312	ng		93
56) 2,4-Dinitrotoluene	10.12	165	227143	39.098	ng	#	97
57) Fluorene	10.49	166	664478	33.584	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	195607	35.966	ng		88
59) Diethylphthalate	10.36	149	783404	33.649	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	336884	34.709	ng		91
61) 4-Nitroaniline	10.50	138	147628	28.630	ng		90
62) Azobenzene	10.64	77	737154	33.617	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	72140	30.851	ng		85
65) n-Nitrosodiphenylamine	10.60	169	657038	35.873	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	216152	38.280	ng		91
67) Hexachlorobenzene	11.03	284	215917	36.560	ng	#	92
68) Atrazine	11.12	200	207822	37.485	ng		98
69) Pentachlorophenol	11.23	266	235315	55.568	ng		97
70) Phenanthrene	11.45	178	942739	33.992	ng		99
71) Anthracene	11.50	178	974255	34.625	ng		99
72) Carbazole	11.66	167	849061	32.703	ng		99
73) Di-n-butylphthalate	11.99	149	1163778	38.304	ng		98
74) Fluoranthene	12.64	202	868049	29.533	ng		97
76) Benzidine	12.76	184	346760	25.756	ng		99
77) Pyrene	12.87	202	855288	35.690	ng		99
79) Butylbenzylphthalate	13.48	149	392687	40.181	ng		97
80) Benzo(a)anthracene	14.05	228	696462	34.403	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	154988	21.368	ng	#	95
82) Chrysene	14.09	228	676514	34.509	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	528018	41.079	ng		99
84) Di-n-octyl phthalate	14.65	149	860985	38.991	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	575609	36.301	ng		96
87) Benzo(b)fluoranthene	15.11	252	662902	33.106	ng		99
88) Benzo(k)fluoranthene	15.14	252	676709	35.767	ng		98
89) Benzo(a)pyrene	15.48	252	636855	35.875	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	487140	33.555	ng		98
91) Benzo(g,h,i)perylene	17.49	276	453147	31.887	ng		95

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

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