Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098533.D
Acq On : 14 Sep 2017 17:37
Operator : SJ/JU
Sample : PB102300BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102300BS

Manual Integrations APPROVED
Sohil
9/15/2017 5:43:45 PM

Quant Time: Sep 15 05:27:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	130609	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	549371	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	263213	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	521392	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	405626	20.00	ng		-0.02
86) Perylene-d12	15.19	264	372597	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1017362	115.17	ng		-0.01
7) Phenol-d6	6.30	99	1227162	109.41	ng		-0.02
23) Nitrobenzene-d5	7.22	82	756928	76.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	263874	150.21	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1365656	87.94	ng		-0.02
78) Terphenyl-d14	12.75	244	1374850	73.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	127823	28.035	ng		91
3) Pyridine	2.99	79	361303	29.839	ng		87
4) n-Nitrosodimethylamine	2.94	42	174698	29.429	ng		98
6) Aniline	6.32	93	271869	19.322	ng	#	1
8) 2-Chlorophenol	6.44	128	362351	37.303	ng		99
9) Benzaldehyde	6.20	77	173011	23.597	ng		98
10) Phenol	6.32	94	442229	33.946	ng		84
11) bis(2-Chloroethyl)ether	6.39	93	336554	34.264	ng		98
12) 1,3-Dichlorobenzene	6.59	146	361208	36.944	ng		98
13) 1,4-Dichlorobenzene	6.66	146	368950	36.841	ng		95
14) 1,2-Dichlorobenzene	6.82	146	339956	37.259	ng		99
15) Benzyl Alcohol	6.80	79	293294	39.292	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	520200	32.188	ng		72
17) 2-Methylphenol	6.92	107	293160	37.011	ng	#	90
18) Hexachloroethane	7.16	117	137122	35.752	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	248332	35.200	ng		97
20) 3+4-Methylphenols	7.08	107	396136	39.630	ng	#	65
22) Acetophenone	7.06	105	501256	35.303	ng	#	90
24) Nitrobenzene	7.24	77	380708	33.917	ng		94
25) Isophorone	7.48	82	675850	33.898	ng		97
26) 2-Nitrophenol	7.55	139	189881	41.897	ng	#	80
27) 2,4-Dimethylphenol	7.60	122	314906	36.450	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	435915	35.831	ng		98
29) 2,4-Dichlorophenol	7.80	162	296134	41.214	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	309394	39.584	ng		97
31) Naphthalene	7.95	128	1017796	37.476	ng		100
32) Benzoic acid	7.76	122	205472	37.537	ng		97
33) 4-Chloroaniline	8.01	127	137147	12.425	ng		98
34) Hexachlorobutadiene	8.07	225	159847	39.837	ng		98
35) Caprolactam	8.39	113	99156m	40.019	ng		
36) 4-Chloro-3-methylphenol	8.51	107	334142	37.498	ng	#	84
37) 2-Methylnaphthalene	8.65	142	678955	41.272	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	290356	35.414	ng		99
40) Hexachlorocyclopentadiene	8.79	237	201990	83.619	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	194382	40.363	ng		92
43) 2,4,5-Trichlorophenol	8.98	196	207558	41.234	ng		90
45) 1,1'-Biphenyl	9.11	154	831367	35.289	ng		98
46) 2-Chloronaphthalene	9.13	162	627541	37.297	ng		94
47) 2-Nitroaniline	9.24	65	228126	35.325	ng		97
48) Acenaphthylene	9.55	152	930313	37.187	ng		99
49) Dimethylphthalate	9.42	163	769205	37.753	ng		99
50) 2,6-Dinitrotoluene	9.48	165	170413	40.718	ng	#	76
51) Acenaphthene	9.72	154	586882	36.906	ng		98
52) 3-Nitroaniline	9.65	138	105569	20.896	ng		90
53) 2,4-Dinitrophenol	9.77	184	156502	79.202	ng	#	78
54) Dibenzofuran	9.89	168	838398	40.020	ng		99
55) 4-Nitrophenol	9.84	139	215241	74.155	ng	#	59
56) 2,4-Dinitrotoluene	9.89	165	217013	42.651	ng	#	68
57) Fluorene	10.23	166	673683	38.851	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	157856	46.663	ng		96
59) Diethylphthalate	10.12	149	752401	38.829	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	323022	40.331	ng		92
61) 4-Nitroaniline	10.27	138	194532	38.128	ng		89
62) Azobenzene	10.39	77	749401	35.883	ng		96
64) 4,6-Dinitro-2-methylphenol	10.30	198	119474	38.460	ng	#	68
65) n-Nitrosodiphenylamine	10.35	169	622514	36.770	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	197822	39.976	ng		98
67) Hexachlorobenzene	10.78	284	190692	37.991	ng	#	90
68) Atrazine	10.88	200	213802	41.021	ng		97
69) Pentachlorophenol	10.98	266	171815	77.559	ng		97
70) Phenanthrene	11.19	178	1079619	39.059	ng		99
71) Anthracene	11.24	178	1109401	39.093	ng		98
72) Carbazole	11.40	167	978427	36.995	ng		98
73) Di-n-butylphthalate	11.73	149	1234017	38.942	ng		100
74) Fluoranthene	12.37	202	1139201	41.171	ng		99
76) Benzidine	12.50	184	527993	29.412	ng	#	92
77) Pyrene	12.60	202	1156489	36.142	ng		99
79) Butylbenzylphthalate	13.22	149	533646	38.442	ng	#	78
80) Benzo(a)anthracene	13.79	228	910429	38.284	ng		98
81) 3,3'-Dichlorobenzidine	13.75	252	201346	21.786	ng	#	97
82) Chrysene	13.83	228	914331	38.036	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	701504	40.265	ng	#	100
84) Di-n-octyl phthalate	14.39	149	1248626	41.773	ng		99
85) Indeno(1,2,3-cd)pyrene	16.54	276	755841	44.816	ng		97
87) Benzo(b)fluoranthene	14.80	252	860025	36.709	ng		98
88) Benzo(k)fluoranthene	14.83	252	843412	38.562	ng	#	95
89) Benzo(a)pyrene	15.14	252	815567	39.075	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	630622	41.535	ng		99
91) Benzo(g,h,i)perylene	16.93	276	629776	41.240	ng		95

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

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