Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095713.D
Acq On : 6 Jun 2017 17:21
Operator : SJ/MA
Sample : PB99510BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99510BS

Manual Integrations APPROVED
mohammad
6/7/2017 2:18:31 PM

Quant Time: Jun 07 03:00:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	94058	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	392755	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	183128	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	327005	20.00	ng		-0.01
75) Chrysene-d12	18.34	240	232799	20.00	ng		-0.01
86) Perylene-d12	20.01	264	170542	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	582726	98.72	ng		0.00
7) Phenol-d6	6.95	99	676983	95.80	ng		-0.01
23) Nitrobenzene-d5	8.30	82	398572	63.02	ng		-0.02
41) 2,4,6-Tribromophenol	13.53	330	150077	92.63	ng		-0.02
44) 2-Fluorobiphenyl	11.20	172	841261	63.93	ng		-0.02
78) Terphenyl-d14	17.00	244	675316	71.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	68013	24.221	ng		91
3) Pyridine	2.34	79	172569	26.148	ng		95
4) n-Nitrosodimethylamine	2.30	42	74677	29.763	ng	#	79
6) Aniline	6.88	93	189242	20.470	ng		95
8) 2-Chlorophenol	7.06	128	205502	32.743	ng		95
9) Benzaldehyde	6.69	77	90183	18.919	ng		94
10) Phenol	6.96	94	238526	32.539	ng		88
11) bis(2-Chloroethyl)ether	7.03	93	181021	31.172	ng		96
12) 1,3-Dichlorobenzene	7.28	146	216339	30.453	ng		98
13) 1,4-Dichlorobenzene	7.41	146	222785	30.925	ng		97
14) 1,2-Dichlorobenzene	7.64	146	211110	31.787	ng		95
15) Benzyl Alcohol	7.68	79	161355	33.267	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.88	45	250624	30.718	ng		96
17) 2-Methylphenol	7.91	107	167710	31.841	ng		95
18) Hexachloroethane	8.16	117	73855	31.040	ng	#	85
19) n-Nitroso-di-n-propylamine	8.11	70	141535	31.605	ng		92
20) 3+4-Methylphenols	8.17	107	218418	32.668	ng	#	60
22) Acetophenone	8.07	105	284822	30.983	ng	#	83
24) Nitrobenzene	8.33	77	195680	28.966	ng		92
25) Isophorone	8.73	82	360801	30.555	ng		95
26) 2-Nitrophenol	8.84	139	113981	32.221	ng		100
27) 2,4-Dimethylphenol	8.99	122	179289	32.658	ng		98
28) bis(2-Chloroethoxy)methane	9.11	93	239534	30.773	ng		99
29) 2,4-Dichlorophenol	9.26	162	176870	33.453	ng		97
30) 1,2,4-Trichlorobenzene	9.35	180	171597	31.191	ng		98
31) Naphthalene	9.45	128	593033	30.086	ng		99
32) Benzoic acid	9.32	122	64396	21.885	ng		96
33) 4-Chloroaniline	9.60	127	132476	17.195	ng	#	94
34) Hexachlorobutadiene	9.67	225	88730	31.214	ng		100
35) Caprolactam	10.22	113	51163m	32.520	ng		
36) 4-Chloro-3-methylphenol	10.47	107	181487	32.791	ng		90
37) 2-Methylnaphthalene	10.57	142	413222	31.028	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	162818	29.707	ng		99
40) Hexachlorocyclopentadiene	10.83	237	106039	64.292	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.08	196	111986	31.780	ng		99
43) 2,4,5-Trichlorophenol	11.17	196	113039	30.158	ng	#	91
45) 1,1'-Biphenyl	11.35	154	462024	30.611	ng		98
46) 2-Chloronaphthalene	11.36	162	358974	30.440	ng		94
47) 2-Nitroaniline	11.57	65	102116	29.590	ng	#	79
48) Acenaphthylene	12.01	152	582032	28.863	ng		98
49) Dimethylphthalate	11.90	163	441931	31.784	ng		99
50) 2,6-Dinitrotoluene	11.99	165	95785	31.583	ng	#	92
51) Acenaphthene	12.29	154	338720	29.083	ng		99
52) 3-Nitroaniline	12.25	138	71260	20.167	ng		84
53) 2,4-Dinitrophenol	12.47	184	38911	27.300	ng	#	71
54) Dibenzofuran	12.58	168	524839	32.019	ng		97
55) 4-Nitrophenol	12.65	139	110590	55.131	ng	#	73
56) 2,4-Dinitrotoluene	12.66	165	128623	31.399	ng	#	91
57) Fluorene	13.13	166	419430	29.403	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	88050	34.333	ng	#	91
59) Diethylphthalate	13.05	149	426541	31.876	ng		99
60) 4-Chlorophenyl-phenylether	13.16	204	190142	30.652	ng		89
61) 4-Nitroaniline	13.25	138	93734	28.412	ng		97
62) Azobenzene	13.42	77	385316	31.772	ng		95
64) 4,6-Dinitro-2-methylphenol	13.33	198	40563	18.872	ng	#	71
65) n-Nitrosodiphenylamine	13.37	169	362832	30.879	ng		98
66) 4-Bromophenyl-phenylether	13.94	248	107467	31.622	ng		96
67) Hexachlorobenzene	14.02	284	104545	31.218	ng	#	87
68) Atrazine	14.30	200	106622	32.604	ng		97
69) Pentachlorophenol	14.38	266	62800	51.977	ng		100
70) Phenanthrene	14.67	178	580507	30.767	ng		97
71) Anthracene	14.76	178	603703	30.648	ng		98
72) Carbazole	15.05	167	536159	27.931	ng		98
73) Di-n-butylphthalate	15.64	149	676598	33.130	ng	#	98
74) Fluoranthene	16.44	202	566919	30.357	ng		99
76) Benzidine	16.67	184	192209	21.498	ng	#	93
77) Pyrene	16.74	202	574962	33.100	ng		99
79) Butylbenzylphthalate	17.67	149	268979	35.456	ng		93
80) Benzo(a)anthracene	18.33	228	421395	31.134	ng		98
81) 3,3'-Dichlorobenzidine	18.32	252	89676	18.635	ng	#	96
82) Chrysene	18.37	228	412317	30.483	ng		99
83) Bis(2-ethylhexyl)phthalate	18.43	149	375747	35.113	ng	#	99
84) Di-n-octyl phthalate	19.19	149	582494	33.033	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.18	276	323439	27.947	ng		100
87) Benzo(b)fluoranthene	19.60	252	321073	30.067	ng		98
88) Benzo(k)fluoranthene	19.63	252	336740m	32.990	ng		
89) Benzo(a)pyrene	19.95	252	307131	31.292	ng		98
90) Dibenzo(a,h)anthracene	21.18	278	272139	32.686	ng		96
91) Benzo(g,h,i)perylene	21.51	276	281751	33.194	ng		98

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

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