Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097910.D
Acq On : 21 Aug 2017 17:30
Operator : SJ/JU
Sample : PB101695BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 11:16:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Manual Integrations APPROVED
Sohil
8/22/2017 5:43:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118433	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	473899	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	215367	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	424368	20.00	ng		0.00
75) Chrysene-d12	13.90	240	341853	20.00	ng		0.00
86) Perylene-d12	15.32	264	257344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1002767	128.79	ng		0.02
7) Phenol-d6	6.39	99	1359037	128.46	ng		0.00
23) Nitrobenzene-d5	7.32	82	855928	98.12	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	265249	141.95	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1270744	86.69	ng		0.00
78) Terphenyl-d14	12.86	244	1143534	69.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	166153	38.264	ng		91
3) Pyridine	3.24	79	473459	39.441	ng		86
4) n-Nitrosodimethylamine	3.19	42	194336	42.074	ng		83
6) Aniline	6.42	93	444512	29.910	ng		98
8) 2-Chlorophenol	6.54	128	356208	43.380	ng		98
9) Benzaldehyde	6.30	77	249281	37.201	ng		89
10) Phenol	6.40	94	511526	41.343	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	412816	44.205	ng		96
12) 1,3-Dichlorobenzene	6.69	146	355616	40.262	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	358043	39.858	ng		95
14) 1,2-Dichlorobenzene	6.92	146	330586	39.912	ng		99
15) Benzyl Alcohol	6.90	79	355039	44.826	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	514524	40.950	ng		92
17) 2-Methylphenol	7.01	107	329942	45.596	ng		95
18) Hexachloroethane	7.26	117	147277	41.817	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	290573	40.123	ng		92
20) 3+4-Methylphenols	7.16	107	381786	43.197	ng		94
22) Acetophenone	7.16	105	514075	41.063	ng	#	92
24) Nitrobenzene	7.33	77	457492	47.101	ng		92
25) Isophorone	7.57	82	818137	45.103	ng		96
26) 2-Nitrophenol	7.65	139	184620	51.975	ng	#	79
27) 2,4-Dimethylphenol	7.69	122	334477	44.213	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	508152	42.611	ng		98
29) 2,4-Dichlorophenol	7.89	162	282662	45.012	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	285430	41.001	ng		99
31) Naphthalene	8.06	128	1019212	41.427	ng		100
32) Benzoic acid	7.83	122	248261	45.436	ng	#	84
33) 4-Chloroaniline	8.10	127	310942	29.968	ng		99
34) Hexachlorobutadiene	8.17	225	163919	40.329	ng		98
35) Caprolactam	8.49	113	107394m	50.305	ng		
36) 4-Chloro-3-methylphenol	8.59	107	359840	44.599	ng	#	77
37) 2-Methylnaphthalene	8.75	142	671853	44.542	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	259592	39.275	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	337661	106.340	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	196752	44.339	ng		93
43) 2,4,5-Trichlorophenol	9.07	196	205217	46.616	ng		97
45) 1,1'-Biphenyl	9.21	154	781841	39.810	ng		95
46) 2-Chloronaphthalene	9.23	162	581191	40.051	ng	#	92
47) 2-Nitroaniline	9.33	65	245334	50.431	ng		98
48) Acenaphthylene	9.65	152	967123	42.441	ng		99
49) Dimethylphthalate	9.52	163	700203	44.478	ng		99
50) 2,6-Dinitrotoluene	9.57	165	150372	47.853	ng	#	54
51) Acenaphthene	9.82	154	582498	40.530	ng		99
52) 3-Nitroaniline	9.74	138	150547	37.133	ng		81
53) 2,4-Dinitrophenol	9.85	184	165372	106.749	ng	#	79
54) Dibenzofuran	9.99	168	854488	44.362	ng		100
55) 4-Nitrophenol	9.92	139	295828	91.470	ng	#	43
56) 2,4-Dinitrotoluene	9.98	165	202903	51.451	ng	#	60
57) Fluorene	10.33	166	633257	42.523	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	171918	50.440	ng		95
59) Diethylphthalate	10.22	149	742425	45.097	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	290407	41.976	ng		88
61) 4-Nitroaniline	10.36	138	182124	47.264	ng	#	74
62) Azobenzene	10.49	77	893320	45.682	ng		92
64) 4,6-Dinitro-2-methylphenol	10.39	198	104596	51.558	ng	#	81
65) n-Nitrosodiphenylamine	10.45	169	594273	41.123	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	185115	42.007	ng		99
67) Hexachlorobenzene	10.88	284	180481	40.181	ng	#	88
68) Atrazine	10.98	200	173613	45.301	ng		98
69) Pentachlorophenol	11.07	266	215904	82.441	ng		97
70) Phenanthrene	11.29	178	959643	42.437	ng		100
71) Anthracene	11.35	178	977372	42.613	ng		100
72) Carbazole	11.50	167	947051	43.500	ng		98
73) Di-n-butylphthalate	11.83	149	1171123	46.700	ng		99
74) Fluoranthene	12.48	202	1045662	44.302	ng		99
76) Benzidine	12.60	184	419477m	37.425	ng		
77) Pyrene	12.70	202	1085339	38.818	ng		99
79) Butylbenzylphthalate	13.33	149	507417	47.335	ng	#	68
80) Benzo(a)anthracene	13.89	228	806546	39.366	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	268400	38.821	ng	#	95
82) Chrysene	13.93	228	819251	40.196	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	601588	50.644	ng	#	98
84) Di-n-octyl phthalate	14.50	149	1159778	56.113	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	626816	41.806	ng		94
87) Benzo(b)fluoranthene	14.92	252	700082	43.158	ng		98
88) Benzo(k)fluoranthene	14.94	252	670251	43.980	ng	#	94
89) Benzo(a)pyrene	15.26	252	645735	44.967	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	509091	43.546	ng		99
91) Benzo(g,h,i)perylene	17.12	276	533174	43.708	ng		93

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

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