Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097634.D
Acq On : 12 Aug 2017 14:51
Operator : SJ/JU
Sample : PB101441BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 05:55:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Manual Integrations APPROVED
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8/14/2017 7:05:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	123695	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	591851	20.00	ng		-0.01
38) Acenaphthene-d10	12.36	164	244292	20.00	ng		-0.01
63) Phenanthrene-d10	14.75	188	428185	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	300001	20.00	ng		-0.01
86) Perylene-d12	20.12	264	248285	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1092182	140.35	ng		0.04
7) Phenol-d6	7.07	99	1178841	122.11	ng		0.02
23) Nitrobenzene-d5	8.42	82	808150	85.62	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	226702	122.08	ng		0.00
44) 2-Fluorobiphenyl	11.31	172	1327040	81.98	ng		-0.01
78) Terphenyl-d14	17.11	244	950360	65.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	153213	45.368	ng	#	69
3) Pyridine	2.50	79	407927	41.414	ng	#	65
4) n-Nitrosodimethylamine	2.47	42	258025	45.148	ng	#	75
6) Aniline	7.00	93	343437	24.753	ng		98
8) 2-Chlorophenol	7.19	128	375832	42.129	ng		95
9) Benzaldehyde	6.81	77	142032	22.312	ng		99
10) Phenol	7.09	94	444398	42.044	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	321069	37.871	ng		88
12) 1,3-Dichlorobenzene	7.40	146	381323	38.168	ng		97
13) 1,4-Dichlorobenzene	7.53	146	387396	38.096	ng		95
14) 1,2-Dichlorobenzene	7.76	146	352964	38.034	ng		99
15) Benzyl Alcohol	7.80	79	348069	52.178	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	788082	41.403	ng		90
17) 2-Methylphenol	8.02	107	308146	44.568	ng		96
18) Hexachloroethane	8.27	117	135608	38.977	ng	#	80
19) n-Nitroso-di-n-propylamine	8.23	70	281746	41.960	ng	#	81
20) 3+4-Methylphenols	8.29	107	411126	48.554	ng	#	63
22) Acetophenone	8.19	105	527983	37.761	ng	#	99
24) Nitrobenzene	8.45	77	420531	40.884	ng		95
25) Isophorone	8.85	82	791948	45.548	ng		97
26) 2-Nitrophenol	8.95	139	228065	43.836	ng	#	83
27) 2,4-Dimethylphenol	9.10	122	365831	42.166	ng		98
28) bis(2-Chloroethoxy)methane	9.22	93	531682	42.321	ng		98
29) 2,4-Dichlorophenol	9.37	162	322803	42.196	ng		96
30) 1,2,4-Trichlorobenzene	9.46	180	295427	38.950	ng		96
31) Naphthalene	9.56	128	1132997	38.219	ng		99
32) Benzoic acid	9.46	122	182842	39.109	ng		95
33) 4-Chloroaniline	9.71	127	228245	18.585	ng		96
34) Hexachlorobutadiene	9.78	225	144004	34.757	ng		99
35) Caprolactam	10.35	113	107951m	43.796	ng		
36) 4-Chloro-3-methylphenol	10.59	107	329386	38.321	ng		88
37) 2-Methylnaphthalene	10.69	142	738925	39.615	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	267104	38.613	ng		98
40) Hexachlorocyclopentadiene	10.95	237	146691	96.093	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	171823	37.701	ng		99
43) 2,4,5-Trichlorophenol	11.28	196	163084	37.885	ng		96
45) 1,1'-Biphenyl	11.46	154	807021	38.505	ng		97
46) 2-Chloronaphthalene	11.47	162	616262	38.295	ng		94
47) 2-Nitroaniline	11.69	65	231264	36.686	ng		96
48) Acenaphthylene	12.13	152	1021161	39.916	ng		99
49) Dimethylphthalate	12.02	163	730118	38.780	ng		98
50) 2,6-Dinitrotoluene	12.11	165	164281	42.255	ng	#	65
51) Acenaphthene	12.41	154	562439	36.685	ng		98
52) 3-Nitroaniline	12.37	138	116221	22.831	ng		97
53) 2,4-Dinitrophenol	12.59	184	82698	51.599	ng	#	74
54) Dibenzofuran	12.70	168	836035	38.952	ng		98
55) 4-Nitrophenol	12.77	139	126696	65.352	ng	#	37
56) 2,4-Dinitrotoluene	12.77	165	238271	45.917	ng	#	69
57) Fluorene	13.25	166	717253	40.635	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.94	232	123323	41.715	ng		95
59) Diethylphthalate	13.16	149	793103	44.601	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	300750	39.911	ng		99
61) 4-Nitroaniline	13.38	138	201247	41.444	ng		93
62) Azobenzene	13.54	77	932966	52.736	ng		93
64) 4,6-Dinitro-2-methylphenol	13.44	198	92479	35.406	ng		85
65) n-Nitrosodiphenylamine	13.49	169	632563	39.976	ng		98
66) 4-Bromophenyl-phenylether	14.06	248	177439	39.943	ng		97
67) Hexachlorobenzene	14.14	284	182201	37.653	ng	#	90
68) Atrazine	14.42	200	184727	46.528	ng		95
69) Pentachlorophenol	14.51	266	57761m	61.479	ng		
70) Phenanthrene	14.79	178	941821	38.190	ng		98
71) Anthracene	14.88	178	940577	37.276	ng		99
72) Carbazole	15.17	167	898287	37.396	ng		99
73) Di-n-butylphthalate	15.75	149	1096620	39.003	ng		99
74) Fluoranthene	16.56	202	853107	38.282	ng		98
76) Benzidine	16.77	184	355968	36.004	ng	#	93
77) Pyrene	16.86	202	874818	35.263	ng		100
79) Butylbenzylphthalate	17.77	149	454887	43.860	ng	#	79
80) Benzo(a)anthracene	18.44	228	685300	39.112	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	147106	24.343	ng	#	97
82) Chrysene	18.49	228	662577	38.019	ng		100
83) Bis(2-ethylhexyl)phthalate	18.52	149	640932	43.450	ng		98
84) Di-n-octyl phthalate	19.29	149	1038932	40.329	ng	#	92
85) Indeno(1,2,3-cd)pyrene	21.33	276	484754	35.763	ng		99
87) Benzo(b)fluoranthene	19.71	252	619769	41.570	ng		98
88) Benzo(k)fluoranthene	19.74	252	545751m	36.346	ng		
89) Benzo(a)pyrene	20.06	252	550207	40.207	ng		99
90) Dibenzo(a,h)anthracene	21.33	278	396210	40.438	ng		97
91) Benzo(g,h,i)perylene	21.67	276	427376	39.762	ng		98

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

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