Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100619.D
Acq On : 16 Nov 2017 9:57
Operator : SJ/JU
Sample : PB104249BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104249BS

Manual Integrations APPROVED
SOHIL
11/17/2017 1:24:29 PM

Quant Time: Nov 16 13:01:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	111388	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	456067	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	216971	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	432953	20.00	ng		0.00
75) Chrysene-d12	14.04	240	321152	20.00	ng		0.00
86) Perylene-d12	15.52	264	247012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	743865	107.05	ng		0.02
7) Phenol-d6	6.52	99	908252	106.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	591209	85.70	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	267425	120.96	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1149751	80.69	ng		0.00
78) Terphenyl-d14	12.99	244	1092602	78.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	98844	29.189	ng		97
3) Pyridine	3.52	79	277106	29.994	ng		94
4) n-Nitrosodimethylamine	3.47	42	136584	30.449	ng		99
6) Aniline	6.55	93	148988	12.307	ng		99
8) 2-Chlorophenol	6.67	128	276755	37.648	ng		99
9) Benzaldehyde	6.43	77	119364	19.506	ng		97
10) Phenol	6.53	94	328459	36.514	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	256631	33.965	ng		98
12) 1,3-Dichlorobenzene	6.82	146	310453	36.630	ng		97
13) 1,4-Dichlorobenzene	6.90	146	312373	36.415	ng		98
14) 1,2-Dichlorobenzene	7.05	146	294565	37.140	ng		98
15) Benzyl Alcohol	7.02	79	245626	36.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	475560	39.353	ng		99
17) 2-Methylphenol	7.13	107	243073	38.694	ng		96
18) Hexachloroethane	7.39	117	106826	37.770	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	191892	32.292	ng		95
20) 3+4-Methylphenols	7.28	107	287876	36.213	ng	#	88
22) Acetophenone	7.29	105	369117	33.191	ng	#	96
24) Nitrobenzene	7.46	77	291182	41.011	ng		98
25) Isophorone	7.70	82	533929	36.833	ng		99
26) 2-Nitrophenol	7.78	139	160934	48.306	ng		93
27) 2,4-Dimethylphenol	7.82	122	270783	41.670	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	343125	36.186	ng		98
29) 2,4-Dichlorophenol	8.02	162	252621	40.722	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	257113	38.315	ng		98
31) Naphthalene	8.19	128	807320	36.752	ng		100
32) Benzoic acid	7.90	122	39026	15.682	ng		97
33) 4-Chloroaniline	8.23	127	89228	9.759	ng		98
34) Hexachlorobutadiene	8.30	225	147047	36.855	ng		97
35) Caprolactam	8.61	113	77144m	36.236	ng		
36) 4-Chloro-3-methylphenol	8.72	107	257354	38.626	ng		95
37) 2-Methylnaphthalene	8.88	142	559113	38.338	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	252439	35.081	ng		98
40) Hexachlorocyclopentadiene	9.03	237	279778	82.610	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	189569	41.567	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	198977	42.110	ng		94
45) 1,1'-Biphenyl	9.34	154	668173	35.606	ng		99
46) 2-Chloronaphthalene	9.37	162	524104	38.498	ng		95
47) 2-Nitroaniline	9.46	65	164234	41.243	ng		98
48) Acenaphthylene	9.79	152	815254	36.135	ng		98
49) Dimethylphthalate	9.64	163	622345	37.568	ng		99
50) 2,6-Dinitrotoluene	9.70	165	140502	42.847	ng		89
51) Acenaphthene	9.96	154	497786	36.278	ng		99
52) 3-Nitroaniline	9.87	138	85152	21.991	ng		96
53) 2,4-Dinitrophenol	9.97	184	56474	49.515	ng	#	15
54) Dibenzofuran	10.13	168	714001	37.127	ng		99
55) 4-Nitrophenol	10.03	139	236758	75.301	ng		94
56) 2,4-Dinitrotoluene	10.11	165	187443	45.311	ng	#	86
57) Fluorene	10.47	166	545996	38.755	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	160991	41.572	ng	#	86
59) Diethylphthalate	10.34	149	604062	36.438	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	265393	38.400	ng		93
61) 4-Nitroaniline	10.49	138	145435	39.610	ng		92
62) Azobenzene	10.62	77	556121	35.617	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	59741	31.019	ng	#	72
65) n-Nitrosodiphenylamine	10.58	169	524349	34.831	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	176591	38.049	ng	#	85
67) Hexachlorobenzene	11.02	284	181380	37.366	ng	#	88
68) Atrazine	11.10	200	170565	37.430	ng		96
69) Pentachlorophenol	11.21	266	169435	48.679	ng		98
70) Phenanthrene	11.43	178	844422	37.043	ng		99
71) Anthracene	11.49	178	870658	37.646	ng		99
72) Carbazole	11.64	167	772398	36.196	ng		99
73) Di-n-butylphthalate	11.96	149	956068	38.285	ng		99
74) Fluoranthene	12.62	202	871506	36.074	ng		96
76) Benzidine	12.74	184	270494	21.031	ng		98
77) Pyrene	12.85	202	913263	39.893	ng		99
79) Butylbenzylphthalate	13.46	149	392844	42.078	ng		98
80) Benzo(a)anthracene	14.03	228	737312	38.124	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	145650	21.020	ng		97
82) Chrysene	14.07	228	693377	37.024	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	521635	42.481	ng		99
84) Di-n-octyl phthalate	14.63	149	782616	37.100	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	582103	38.428	ng		95
87) Benzo(b)fluoranthene	15.09	252	580968	39.699	ng		97
88) Benzo(k)fluoranthene	15.12	252	533298	38.569	ng	#	97
89) Benzo(a)pyrene	15.45	252	516170	39.786	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	485316	45.741	ng		98
91) Benzo(g,h,i)perylene	17.45	276	505455	48.667	ng		95

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

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