Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097478.D
Acq On : 8 Aug 2017 19:48
Operator : SJ/JU
Sample : PB101311BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 16:23:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107898	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	422110	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	204817	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	339159	20.00	ng	0.00
75) Chrysene-d12	13.53	240	209584	20.00	ng	0.00
86) Perylene-d12	14.87	264	218028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	932754	130.32	ng	0.01
7) Phenol-d6	6.09	99	1028950	125.93	ng	0.00
23) Nitrobenzene-d5	6.99	82	644898	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	197510	122.05	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	995200	82.46	ng	0.00
78) Terphenyl-d14	12.49	244	824661	80.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	111868	37.453	ng	# 67
3) Pyridine	2.57	79	330221	36.105	ng	# 58
4) n-Nitrosodimethylamine	2.54	42	215164	42.464	ng	# 78
6) Aniline	6.07	93	239626	23.304	ng	# 81
8) 2-Chlorophenol	6.20	128	320335	41.856	ng	93
9) Benzaldehyde	5.95	77	155262	32.102	ng	94
10) Phenol	6.10	94	402815	41.561	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	320353	41.791	ng	91
12) 1,3-Dichlorobenzene	6.35	146	343482	41.646	ng	99
13) 1,4-Dichlorobenzene	6.42	146	355287	43.467	ng	95
14) 1,2-Dichlorobenzene	6.57	146	292916	41.043	ng	99
15) Benzyl Alcohol	6.57	79	263511	50.936	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	645056	41.955	ng	61
17) 2-Methylphenol	6.70	107	261033	44.192	ng	# 88
18) Hexachloroethane	6.91	117	125098	41.835	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	231130	42.973	ng	# 81
20) 3+4-Methylphenols	6.86	107	360507	46.730	ng	# 64
22) Acetophenone	6.83	105	448112	44.206	ng	97
24) Nitrobenzene	7.00	77	338330	45.148	ng	# 96
25) Isophorone	7.25	82	553079	39.250	ng	97
26) 2-Nitrophenol	7.32	139	169897	41.905	ng	# 86
27) 2,4-Dimethylphenol	7.38	122	276961	41.412	ng	97
28) bis(2-Chloroethoxy)methane	7.46	93	368942	40.121	ng	100
29) 2,4-Dichlorophenol	7.57	162	253273	43.959	ng	97
30) 1,2,4-Trichlorobenzene	7.64	180	230520	41.976	ng	98
31) Naphthalene	7.71	128	857065	43.073	ng	100
32) Benzoic acid	7.56	122	183780	36.800	ng	96
33) 4-Chloroaniline	7.78	127	118644	14.654	ng	96
34) Hexachlorobutadiene	7.83	225	120913	41.531	ng	98
35) Caprolactam	8.17	113	98702m	53.425	ng	
36) 4-Chloro-3-methylphenol	8.29	107	291092	46.310	ng	87
37) 2-Methylnaphthalene	8.40	142	614855	48.805	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	220191	40.291	ng	99
40) Hexachlorocyclopentadiene	8.56	237	106869	57.905	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144838	36.572	ng		96
43) 2,4,5-Trichlorophenol	8.75	196	140379	35.413	ng		96
45) 1,1'-Biphenyl	8.87	154	645133	36.877	ng		98
46) 2-Chloronaphthalene	8.89	162	500127	38.849	ng		93
47) 2-Nitroaniline	9.00	65	199317	42.661	ng		95
48) Acenaphthylene	9.30	152	755980	38.258	ng		99
49) Dimethylphthalate	9.18	163	600237	38.592	ng		100
50) 2,6-Dinitrotoluene	9.25	165	126406	38.319	ng	#	72
51) Acenaphthene	9.47	154	498109	42.795	ng		99
52) 3-Nitroaniline	9.42	138	84503	20.638	ng		91
53) 2,4-Dinitrophenol	9.54	184	128953	85.975	ng	#	71
54) Dibenzofuran	9.64	168	714285	46.072	ng		92
55) 4-Nitrophenol	9.62	139	132697m	54.496	ng		
56) 2,4-Dinitrotoluene	9.66	165	192235	50.692	ng	#	78
57) Fluorene	9.98	166	515957	44.279	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	129542	47.330	ng		96
59) Diethylphthalate	9.88	149	616744	43.222	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	210363	43.719	ng		99
61) 4-Nitroaniline	10.03	138	159574	41.015	ng		93
62) Azobenzene	10.14	77	617800	46.671	ng		93
64) 4,6-Dinitro-2-methylphenol	10.07	198	93841	44.527	ng		86
65) n-Nitrosodiphenylamine	10.10	169	498078	42.207	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	136702	40.388	ng		97
67) Hexachlorobenzene	10.53	284	145954	38.454	ng	#	93
68) Atrazine	10.64	200	143189	42.315	ng		92
69) Pentachlorophenol	10.74	266	100807	64.190	ng		97
70) Phenanthrene	10.93	178	793112	43.644	ng		100
71) Anthracene	10.99	178	817519	43.924	ng		99
72) Carbazole	11.15	167	798319	43.613	ng		99
73) Di-n-butylphthalate	11.49	149	944359	41.736	ng		99
74) Fluoranthene	12.12	202	784922	44.090	ng		97
76) Benzidine	12.24	184	266260	34.239	ng	#	93
77) Pyrene	12.34	202	814670	47.481	ng		99
79) Butylbenzylphthalate	12.97	149	418671	47.970	ng	#	76
80) Benzo(a)anthracene	13.52	228	609050	44.912	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	135951	26.585	ng	#	96
82) Chrysene	13.56	228	619697	46.798	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	456162	40.030	ng		97
84) Di-n-octyl phthalate	14.14	149	860389	41.143	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.06	276	468902	41.296	ng		100
87) Benzo(b)fluoranthene	14.53	252	497843	37.985	ng		99
88) Benzo(k)fluoranthene	14.55	252	508847m	40.744	ng		
89) Benzo(a)pyrene	14.82	252	522251	43.539	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	389137	39.560	ng		98
91) Benzo(g,h,i)perylene	16.41	276	438584	42.518	ng		99

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

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