Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100002.D
Acq On : 31 Oct 2017 14:58
Operator : SJ/JU
Sample : PB103742BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:39 PM

Quant Time: Nov 01 08:25:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90711	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	397996	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	202860	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	378007	20.00	ng		0.00
75) Chrysene-d12	13.99	240	282429	20.00	ng		0.00
86) Perylene-d12	15.47	264	239562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	676200	117.03	ng		0.01
7) Phenol-d6	6.44	99	816238	119.14	ng		0.00
23) Nitrobenzene-d5	7.36	82	466612	75.48	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	213470	115.47	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1034579	78.68	ng		0.00
78) Terphenyl-d14	12.91	244	997208	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	74419	29.167	ng	#	88
3) Pyridine	3.35	79	177591	28.944	ng	#	83
4) n-Nitrosodimethylamine	3.29	42	74839	34.142	ng	#	64
6) Aniline	6.46	93	230449	25.942	ng		94
8) 2-Chlorophenol	6.58	128	254208	41.281	ng		91
9) Benzaldehyde	6.35	77	98094	23.961	ng		88
10) Phenol	6.45	94	304942	40.540	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	226502	38.994	ng		94
12) 1,3-Dichlorobenzene	6.73	146	259592m	37.544	ng		
13) 1,4-Dichlorobenzene	6.80	146	266989	38.046	ng		97
14) 1,2-Dichlorobenzene	6.96	146	247322	38.671	ng		96
15) Benzyl Alcohol	6.95	79	176119	40.422	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	281003	43.550	ng	#	48
17) 2-Methylphenol	7.06	107	203492	39.505	ng	#	94
18) Hexachloroethane	7.29	117	87792	37.499	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	156807	39.057	ng		90
20) 3+4-Methylphenols	7.21	107	271868	45.328	ng	#	75
22) Acetophenone	7.20	105	326447	36.024	ng	#	95
24) Nitrobenzene	7.38	77	239373	38.430	ng		91
25) Isophorone	7.62	82	473443	42.205	ng		97
26) 2-Nitrophenol	7.69	139	148345	41.581	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	241956	46.030	ng		92
28) bis(2-Chloroethoxy)methane	7.82	93	312514	39.780	ng		100
29) 2,4-Dichlorophenol	7.94	162	241840	44.288	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	222568	38.147	ng		98
31) Naphthalene	8.09	128	736597	38.341	ng		99
32) Benzoic acid	7.90	122	124195	26.842	ng		90
33) 4-Chloroaniline	8.15	127	160464	20.227	ng		96
34) Hexachlorobutadiene	8.20	225	112028	37.330	ng		98
35) Caprolactam	8.54	113	76744m	44.691	ng		
36) 4-Chloro-3-methylphenol	8.65	107	241542	43.337	ng		92
37) 2-Methylnaphthalene	8.79	142	532337	41.348	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	224073	34.200	ng		98
40) Hexachlorocyclopentadiene	8.93	237	76253	60.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	155902	39.338	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	161740	38.458	ng		95
45) 1,1'-Biphenyl	9.25	154	645458	35.172	ng		99
46) 2-Chloronaphthalene	9.27	162	502254	37.685	ng		96
47) 2-Nitroaniline	9.39	65	135957	38.868	ng		84
48) Acenaphthylene	9.69	152	749939	36.534	ng		100
49) Dimethylphthalate	9.55	163	603593	37.572	ng		100
50) 2,6-Dinitrotoluene	9.63	165	135688	40.178	ng		94
51) Acenaphthene	9.86	154	456839	36.423	ng		99
52) 3-Nitroaniline	9.80	138	87440	21.974	ng		84
53) 2,4-Dinitrophenol	9.93	184	62220	49.063	ng	#	86
54) Dibenzofuran	10.04	168	692180	39.096	ng		97
55) 4-Nitrophenol	9.99	139	122292	58.817	ng		84
56) 2,4-Dinitrotoluene	10.05	165	175457	43.140	ng	#	82
57) Fluorene	10.38	166	562608	38.380	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	129442	43.898	ng		90
59) Diethylphthalate	10.25	149	614336	39.159	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	261518	37.907	ng		92
61) 4-Nitroaniline	10.43	138	137671	36.262	ng		85
62) Azobenzene	10.53	77	517000	39.313	ng		86
64) 4,6-Dinitro-2-methylphenol	10.46	198	67210	28.285	ng	#	71
65) n-Nitrosodiphenylamine	10.49	169	514500	36.871	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	159877	40.175	ng		92
67) Hexachlorobenzene	10.93	284	156907	38.540	ng		93
68) Atrazine	11.03	200	165760	39.546	ng		97
69) Pentachlorophenol	11.14	266	116584	67.016	ng		98
70) Phenanthrene	11.35	178	808628	37.905	ng		99
71) Anthracene	11.40	178	846201	39.078	ng		99
72) Carbazole	11.56	167	772878	37.955	ng		99
73) Di-n-butylphthalate	11.87	149	983829	37.880	ng		98
74) Fluoranthene	12.55	202	844920	38.112	ng		97
76) Benzidine	12.67	184	386099	31.242	ng		97
77) Pyrene	12.77	202	854435	39.786	ng		99
79) Butylbenzylphthalate	13.38	149	410687	38.835	ng		87
80) Benzo(a)anthracene	13.97	228	691389	38.616	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	153495	23.618	ng		99
82) Chrysene	14.02	228	659495	39.181	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	557637	37.549	ng		99
84) Di-n-octyl phthalate	14.56	149	969683	38.042	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.97	276	485568	31.424	ng		98
87) Benzo(b)fluoranthene	15.04	252	579907	38.335	ng		98
88) Benzo(k)fluoranthene	15.07	252	602598	42.245	ng		99
89) Benzo(a)pyrene	15.42	252	545179	40.121	ng	#	97
90) Dibenzo(a,h)anthracene	16.97	278	404224	33.478	ng		97
91) Benzo(g,h,i)perylene	17.42	276	399893	33.852	ng		98

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

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