Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093656.D
Acq On : 14 Mar 2017 14:04
Operator : SJ/MA
Sample : PB97558BSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97558BSD

Manual Integrations APPROVED
mohammad
3/15/2017 5:39:15 PM

Quant Time: Mar 15 05:01:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	170945	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	755125	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	344800	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	606177	20.00	ng		0.00
75) Chrysene-d12	13.89	240	435509	20.00	ng		0.00
86) Perylene-d12	15.29	264	309798	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1018788	99.19	ng		0.00
7) Phenol-d6	6.37	99	1189681	91.85	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1136320	83.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	204231	90.91	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1703901	91.92	ng		0.00
78) Terphenyl-d14	12.84	244	1408280	84.07	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	206652	36.53	ng		86
3) Pyridine	2.94	79	492564	34.15	ng		88
4) n-Nitrosodimethylamine	2.90	42	286614	41.60	ng	#	76
6) Aniline	6.39	93	226230	12.73	ng	#	73
8) 2-Chlorophenol	6.50	128	478492	41.58	ng		97
9) Benzaldehyde	6.26	77	298968	36.37	ng		95
10) Phenol	6.38	94	692665	43.64	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	507043	39.53	ng		92
12) 1,3-Dichlorobenzene	6.64	146	534903	40.61	ng	#	90
13) 1,4-Dichlorobenzene	6.72	146	545764	40.47	ng		98
14) 1,2-Dichlorobenzene	6.88	146	477124	39.95	ng		94
15) Benzyl Alcohol	6.88	79	343671	37.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	837610	39.31	ng	#	47
17) 2-Methylphenol	7.00	107	418675	43.01	ng	#	88
18) Hexachloroethane	7.21	117	186262	40.95	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	369117	41.45	ng		89
20) 3+4-Methylphenols	7.17	107	602422	47.72	ng	#	74
22) Acetophenone	7.13	105	684816	37.69	ng	#	98
24) Nitrobenzene	7.30	77	561858	36.73	ng		97
25) Isophorone	7.54	82	971152	35.39	ng	#	93
26) 2-Nitrophenol	7.62	139	265516	38.05	ng		91
27) 2,4-Dimethylphenol	7.68	122	409415	36.06	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	663339	38.29	ng		99
29) 2,4-Dichlorophenol	7.89	162	437605	40.97	ng		91
30) 1,2,4-Trichlorobenzene	7.94	180	401191	35.32	ng		96
31) Naphthalene	8.02	128	1364518	36.06	ng		99
32) Benzoic acid	7.85	122	226441	38.38	ng		96
33) 4-Chloroaniline	8.15	127	56258	3.66	ng		97
34) Hexachlorobutadiene	8.14	225	215768	36.88	ng		99
35) Caprolactam	8.47	113	130280m	35.72	ng		
36) 4-Chloro-3-methylphenol	8.61	107	416421	36.53	ng		94
37) 2-Methylnaphthalene	8.72	142	887447	36.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	374977	39.83	ng		98
40) Hexachlorocyclopentadiene	8.87	237	203267	84.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	250003	42.50	ng		94
43) 2,4,5-Trichlorophenol	9.08	196	219839	34.83	ng	#	93
45) 1,1'-Biphenyl	9.18	154	1028095	40.93	ng		95
46) 2-Chloronaphthalene	9.21	162	861250	44.80	ng		98
47) 2-Nitroaniline	9.33	65	305086	44.89	ng		98
48) Acenaphthylene	9.62	152	1294839	40.83	ng		98
49) Dimethylphthalate	9.50	163	985700	43.12	ng		100
50) 2,6-Dinitrotoluene	9.57	165	218854	43.63	ng	#	69
51) Acenaphthene	9.80	154	791760	42.23	ng		97
52) 3-Nitroaniline	9.75	138	85317	14.16	ng	#	93
53) 2,4-Dinitrophenol	9.88	184	158519	69.40	ng	#	75
54) Dibenzofuran	9.97	168	1076653	45.87	ng		98
55) 4-Nitrophenol	9.96	139	156409m	53.44	ng		
56) 2,4-Dinitrotoluene	9.98	165	284222	46.12	ng	#	77
57) Fluorene	10.31	166	822308	41.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	213071	47.83	ng		97
59) Diethylphthalate	10.20	149	994106	45.50	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	380619	42.70	ng		96
61) 4-Nitroaniline	10.37	138	218509	35.46	ng		97
62) Azobenzene	10.46	77	1065122m	42.91	ng		
64) 4,6-Dinitro-2-methylphenol	10.40	198	120758	30.75	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	714625	35.31	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	228083	35.58	ng		98
67) Hexachlorobenzene	10.86	284	219466	35.85	ng	#	74
68) Atrazine	10.96	200	211378	35.68	ng		99
69) Pentachlorophenol	11.08	266	108883	51.52	ng		96
70) Phenanthrene	11.27	178	1238429	35.79	ng		99
71) Anthracene	11.33	178	1301130	37.17	ng		99
72) Carbazole	11.50	167	1202475	36.57	ng		98
73) Di-n-butylphthalate	11.82	149	1526090	40.12	ng	#	96
74) Fluoranthene	12.46	202	1226352	36.69	ng		96
76) Benzidine	12.60	184	356411	24.89	ng		97
77) Pyrene	12.69	202	1230394	38.85	ng		100
79) Butylbenzylphthalate	13.31	149	591706	44.38	ng		92
80) Benzo(a)anthracene	13.88	228	920156	35.78	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	183964	20.42	ng	#	97
82) Chrysene	13.92	228	925106	38.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	840508	45.23	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1230685	39.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	725513	36.42	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	882542m	46.78	ng		
88) Benzo(k)fluoranthene	14.93	252	591993m	32.54	ng		
89) Benzo(a)pyrene	15.24	252	693608	40.22	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	613189	42.98	ng		96
91) Benzo(g,h,i)perylene	17.04	276	632253	43.18	ng	#	90

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

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