Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093137.D
Acq On : 24 Feb 2017 8:21
Operator : SJ/MA
Sample : I1948-06MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MSD

Manual Integrations APPROVED
mohammad
2/24/2017 2:11:51 PM

Quant Time: Feb 24 13:18:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	145690	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	536228	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	228664	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	323716	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	270271	20.00	ng		-0.02
86) Perylene-d12	15.43	264	236872	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	955926	112.57	ng		0.00
7) Phenol-d6	6.49	99	1156633	105.86	ng		0.00
23) Nitrobenzene-d5	7.41	82	768411	79.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	207769	125.63	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1360739	107.81	ng		-0.01
78) Terphenyl-d14	12.94	244	887102	77.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	144436	31.48	ng	#	73
3) Pyridine	3.28	79	319458m	27.38	ng		
4) n-Nitrosodimethylamine	3.20	42	209562	38.25	ng		89
6) Aniline	6.51	93	134615	9.03	ng	#	84
8) 2-Chlorophenol	6.64	128	356786	38.08	ng		92
9) Benzaldehyde	6.38	77	77203	9.86	ng		86
10) Phenol	6.50	94	417491	32.66	ng		80
11) bis(2-Chloroethyl)ether	6.58	93	377321	36.98	ng		90
12) 1,3-Dichlorobenzene	6.78	146	411110	37.47	ng		98
13) 1,4-Dichlorobenzene	6.86	146	413830m	37.26	ng		
14) 1,2-Dichlorobenzene	7.01	146	389512	36.68	ng		98
15) Benzyl Alcohol	6.99	79	283639	35.06	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	657117	37.07	ng		98
17) 2-Methylphenol	7.12	107	308201	38.35	ng		97
18) Hexachloroethane	7.36	117	126171	33.28	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	284901	40.96	ng		99
20) 3+4-Methylphenols	7.26	107	392790	40.88	ng	#	85
22) Acetophenone	7.25	105	510984	41.74	ng	#	98
24) Nitrobenzene	7.44	77	422611	42.74	ng	#	87
25) Isophorone	7.68	82	748914	41.74	ng		98
26) 2-Nitrophenol	7.74	139	174904	37.21	ng		91
27) 2,4-Dimethylphenol	7.79	122	321643	38.97	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	467219	39.32	ng		98
29) 2,4-Dichlorophenol	8.00	162	321126	41.71	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	318930	38.44	ng		99
31) Naphthalene	8.16	128	1003108	36.90	ng		98
32) Benzoic acid	7.93	122	201634	43.84	ng		96
33) 4-Chloroaniline	8.21	127	78985	7.41	ng		99
34) Hexachlorobutadiene	8.27	225	170528	37.36	ng		98
35) Caprolactam	8.58	113	92857	38.35	ng	#	51
36) 4-Chloro-3-methylphenol	8.69	107	324538	40.43	ng		94
37) 2-Methylnaphthalene	8.84	142	674744	38.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	291693	45.44	ng		97
40) Hexachlorocyclopentadiene	8.99	237	63213	21.83	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	213411	50.60	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	224502	48.58	ng	#	89
45) 1,1'-Biphenyl	9.31	154	811018	48.98	ng		99
46) 2-Chloronaphthalene	9.33	162	642218	49.58	ng		96
47) 2-Nitroaniline	9.44	65	221997	50.98	ng	#	74
48) Acenaphthylene	9.74	152	990040	44.25	ng		99
49) Dimethylphthalate	9.61	163	792893	51.48	ng		99
50) 2,6-Dinitrotoluene	9.68	165	180107	54.15	ng		92
51) Acenaphthene	9.92	154	581564	43.47	ng		97
52) 3-Nitroaniline	9.84	138	77017	20.23	ng		91
53) 2,4-Dinitrophenol	9.96	184	53781	34.64	ng	#	89
54) Dibenzofuran	10.09	168	849535	47.48	ng		94
55) 4-Nitrophenol	10.02	139	203906	74.37	ng		82
56) 2,4-Dinitrotoluene	10.08	165	179011	40.42	ng		92
57) Fluorene	10.43	166	647860	47.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155796	50.54	ng		93
59) Diethylphthalate	10.30	149	740691	51.03	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	294847	44.58	ng		91
61) 4-Nitroaniline	10.45	138	147885	37.93	ng		92
62) Azobenzene	10.58	77	761416	50.78	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	46881	25.14	ng	#	75
65) n-Nitrosodiphenylamine	10.54	169	566689	54.80	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	179248	53.00	ng	#	91
67) Hexachlorobenzene	10.98	284	163927	49.05	ng		99
68) Atrazine	11.07	200	147867	44.56	ng		94
69) Pentachlorophenol	11.17	266	163583	93.48	ng		96
70) Phenanthrene	11.39	178	879413	47.42	ng		98
71) Anthracene	11.44	178	830241	44.58	ng		99
72) Carbazole	11.60	167	711641	39.97	ng		98
73) Di-n-butylphthalate	11.93	149	1105376	57.41	ng	#	97
74) Fluoranthene	12.58	202	839924	43.91	ng		93
76) Benzidine	12.70	184	87340	7.58	ng	#	94
77) Pyrene	12.81	202	855724	42.31	ng		98
79) Butylbenzylphthalate	13.42	149	404792	49.28	ng	#	76
80) Benzo(a)anthracene	14.00	228	746873	45.18	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	127935	21.71	ng		99
82) Chrysene	14.03	228	742632	47.98	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	539564	48.04	ng		100
84) Di-n-octyl phthalate	14.59	149	1003282	54.85	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	610298	50.91	ng	#	93
87) Benzo(b)fluoranthene	15.03	252	798630m	51.22	ng		
88) Benzo(k)fluoranthene	15.05	252	607116m	45.10	ng		
89) Benzo(a)pyrene	15.37	252	653260	48.44	ng	#	95
90) Dibenzo(a,h)anthracene	16.84	278	526010	48.26	ng		99
91) Benzo(g,h,i)perylene	17.25	276	498197	45.24	ng	#	92

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

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