Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093092.D
Acq On : 22 Feb 2017 23:00
Operator : SJ/MA
Sample : I1931-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5MSD

Manual Integrations APPROVED
mohammad
2/23/2017 1:16:18 PM

Quant Time: Feb 23 00:45:59 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	152927	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	608181	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	295706	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	523459	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	465967	20.00	ng		-0.02
86) Perylene-d12	15.41	264	330748	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	58296	6.54	ng		0.00
7) Phenol-d6	6.48	99	680363	59.32	ng		-0.01
23) Nitrobenzene-d5	7.41	82	975851	89.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	444	0.21	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1809340	110.85	ng		-0.01
78) Terphenyl-d14	12.94	244	1574039	79.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	180693	37.52	ng	#	85
3) Pyridine	3.16	79	539161	44.02	ng		85
4) n-Nitrosodimethylamine	3.14	42	277917	48.33	ng		90
6) Aniline	6.50	93	391525	25.03	ng	#	56
8) 2-Chlorophenol	6.62	128	21294	2.17	ng		97
9) Benzaldehyde	6.38	77	143501	17.46	ng		98
10) Phenol	6.49	94	258557	19.27	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	511218	47.73	ng		100
12) 1,3-Dichlorobenzene	6.78	146	521010	45.23	ng		97
13) 1,4-Dichlorobenzene	6.85	146	517359	44.38	ng		99
14) 1,2-Dichlorobenzene	7.01	146	501904	45.03	ng		97
15) Benzyl Alcohol	6.99	79	367231	43.25	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	810588	43.56	ng		96
17) 2-Methylphenol	7.12	107	319449	37.87	ng		97
18) Hexachloroethane	7.36	117	182937	45.97	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	338193	46.32	ng		96
20) 3+4-Methylphenols	7.26	107	299904	29.73	ng	#	63
22) Acetophenone	7.25	105	663032	47.75	ng	#	99
24) Nitrobenzene	7.44	77	578180	51.56	ng		93
25) Isophorone	7.68	82	992643	48.78	ng		96
26) 2-Nitrophenol	7.68	139	16789	3.15	ng	#	79
27) 2,4-Dimethylphenol	7.79	122	350554	37.44	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	576797	42.79	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	432576	45.97	ng		98
31) Naphthalene	8.16	128	1394306	45.23	ng		99
33) 4-Chloroaniline	8.20	127	330206	27.31	ng		95
34) Hexachlorobutadiene	8.27	225	229490	44.33	ng		98
35) Caprolactam	8.64	113	112257m	40.87	ng		
36) 4-Chloro-3-methylphenol	8.69	107	135335	14.87	ng		96
37) 2-Methylnaphthalene	8.84	142	954975	48.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	388857	46.85	ng		99
40) Hexachlorocyclopentadiene	8.99	237	293206	78.29	ng		95
45) 1,1'-Biphenyl	9.30	154	1033986	48.29	ng		97
46) 2-Chloronaphthalene	9.33	162	883242	52.73	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.42	65	266925	47.40	ng		97
48) Acenaphthylene	9.74	152	1415442	48.92	ng		98
49) Dimethylphthalate	9.61	163	1129682	56.72	ng		99
50) 2,6-Dinitrotoluene	9.68	165	240990	56.03	ng	#	78
51) Acenaphthene	9.92	154	829433	47.94	ng		97
52) 3-Nitroaniline	9.84	138	200439	40.72	ng		98
54) Dibenzofuran	10.09	168	1222705	52.84	ng	#	89
55) 4-Nitrophenol	10.09	139	428681	120.91	ng	#	5
56) 2,4-Dinitrotoluene	10.08	165	309921	54.12	ng	#	79
57) Fluorene	10.43	166	859681	48.29	ng		97
59) Diethylphthalate	10.30	149	967211	51.53	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	424335	49.62	ng	#	81
61) 4-Nitroaniline	10.45	138	269808	53.51	ng		90
62) Azobenzene	10.58	77	1141228	58.85	ng		90
65) n-Nitrosodiphenylamine	10.53	169	750773	44.90	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	237152	43.36	ng	#	81
67) Hexachlorobenzene	10.97	284	231006	42.74	ng	#	79
68) Atrazine	11.07	200	212499	39.60	ng		99
70) Phenanthrene	11.39	178	1460135	48.69	ng		98
71) Anthracene	11.44	178	1291494	42.88	ng		99
72) Carbazole	11.60	167	1320933	45.88	ng		98
73) Di-n-butylphthalate	11.92	149	2113002	67.87	ng		98
74) Fluoranthene	12.57	202	1269702	41.05	ng		99
76) Benzidine	12.69	184	293839	14.80	ng		96
77) Pyrene	12.80	202	1317996	37.80	ng		99
79) Butylbenzylphthalate	13.41	149	635220	44.86	ng		95
80) Benzo(a)anthracene	13.99	228	1165996	40.91	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	289783	28.52	ng	#	95
82) Chrysene	14.02	228	911420	34.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	891338	46.03	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1452972	46.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	816599	39.51	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	1011966	46.48	ng		97
88) Benzo(k)fluoranthene	15.04	252	890787m	47.39	ng		
89) Benzo(a)pyrene	15.36	252	873914	46.41	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	681779	44.80	ng	#	93
91) Benzo(g,h,i)perylene	17.23	276	701119	45.60	ng	#	90

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

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