Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092837.D
Acq On : 7 Feb 2017 19:23
Operator : SJ/MA
Sample : I1692-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMPMSD

Manual Integrations APPROVED
mohammad
2/8/2017 10:43:14 AM

Quant Time: Feb 08 00:19:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	170548	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	649583	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	355268	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	442437	20.00	ng		0.00
75) Chrysene-d12	14.08	240	339482	20.00	ng		0.00
86) Perylene-d12	15.53	264	285476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1007026	101.30	ng		0.02
7) Phenol-d6	6.56	99	1278674	99.97	ng		0.01
23) Nitrobenzene-d5	7.47	82	1098401	94.16	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	269032	104.70	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1712675	87.34	ng		0.00
78) Terphenyl-d14	13.01	244	1146259	79.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	154424	28.75	ng	#	74
3) Pyridine	3.38	79	300388	21.99	ng	#	85
4) n-Nitrosodimethylamine	3.31	42	230008	35.86	ng		86
6) Aniline	6.58	93	352557	20.21	ng	#	54
8) 2-Chlorophenol	6.70	128	471592	43.00	ng		90
9) Benzaldehyde	6.45	77	139011	15.17	ng		90
10) Phenol	6.57	94	538882	36.01	ng		85
11) bis(2-Chloroethyl)ether	6.65	93	526000	44.04	ng		94
12) 1,3-Dichlorobenzene	6.85	146	529001	41.18	ng		98
13) 1,4-Dichlorobenzene	6.92	146	513951	39.53	ng		99
14) 1,2-Dichlorobenzene	7.08	146	517238	41.61	ng		96
15) Benzyl Alcohol	7.06	79	444560	46.95	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	922043	44.43	ng		98
17) 2-Methylphenol	7.17	107	436777	46.42	ng		97
18) Hexachloroethane	7.41	117	172351	38.83	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	334234	41.05	ng		92
20) 3+4-Methylphenols	7.32	107	491622	43.70	ng	#	65
22) Acetophenone	7.32	105	656113	44.24	ng	#	94
24) Nitrobenzene	7.49	77	557869	46.58	ng		99
25) Isophorone	7.73	82	1039945	47.84	ng		96
26) 2-Nitrophenol	7.81	139	285163	50.08	ng	#	86
27) 2,4-Dimethylphenol	7.85	122	456550	45.66	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	625806	43.47	ng		99
29) 2,4-Dichlorophenol	8.05	162	419197	44.95	ng		91
30) 1,2,4-Trichlorobenzene	8.13	180	429655	42.75	ng		97
31) Naphthalene	8.21	128	1303557	39.59	ng		99
32) Benzoic acid	7.98	122	302857	52.64	ng		95
33) 4-Chloroaniline	8.27	127	126056	9.76	ng		99
34) Hexachlorobutadiene	8.33	225	215796	39.03	ng		99
35) Caprolactam	8.64	113	124864	42.57	ng	#	36
36) 4-Chloro-3-methylphenol	8.76	107	481614	49.53	ng		90
37) 2-Methylnaphthalene	8.91	142	973493	46.04	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	410577	41.17	ng		99
40) Hexachlorocyclopentadiene	9.06	237	132793	29.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	290574	44.34	ng		91
43) 2,4,5-Trichlorophenol	9.23	196	300242	41.82	ng		94
45) 1,1'-Biphenyl	9.37	154	1062536	41.30	ng		97
46) 2-Chloronaphthalene	9.39	162	880355	43.75	ng		95
47) 2-Nitroaniline	9.49	65	321288	47.48	ng		98
48) Acenaphthylene	9.81	152	1443473	41.52	ng		99
49) Dimethylphthalate	9.68	163	1171372	48.95	ng		100
50) 2,6-Dinitrotoluene	9.73	165	216469	41.89	ng	#	73
51) Acenaphthene	9.98	154	893937	43.01	ng		96
52) 3-Nitroaniline	9.90	138	143021	24.18	ng		94
53) 2,4-Dinitrophenol	10.02	184	101427	41.03	ng		93
54) Dibenzofuran	10.16	168	1231197	44.29	ng		93
55) 4-Nitrophenol	10.08	139	325463	76.41	ng		91
56) 2,4-Dinitrotoluene	10.14	165	326577	47.47	ng	#	86
57) Fluorene	10.50	166	917108	42.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	214616	44.81	ng		100
59) Diethylphthalate	10.37	149	1089643	48.32	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	420724	40.95	ng		88
61) 4-Nitroaniline	10.52	138	222364	36.71	ng		89
62) Azobenzene	10.65	77	956782	41.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	67674	26.40	ng	#	36
65) n-Nitrosodiphenylamine	10.61	169	770683	54.53	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	237339	51.35	ng		91
67) Hexachlorobenzene	11.05	284	221462	48.48	ng		98
68) Atrazine	11.14	200	234165	51.63	ng		97
69) Pentachlorophenol	11.24	266	210089	88.28	ng		96
70) Phenanthrene	11.46	178	1095964	43.24	ng		98
71) Anthracene	11.52	178	1176928	46.24	ng		97
72) Carbazole	11.66	167	920267	37.82	ng		99
73) Di-n-butylphthalate	12.00	149	1438510	54.66	ng	#	96
74) Fluoranthene	12.65	202	1037080	39.66	ng		95
76) Benzidine	12.76	184	107288	7.42	ng		96
77) Pyrene	12.88	202	1010795	39.79	ng		98
79) Butylbenzylphthalate	13.49	149	517823	50.19	ng	#	81
80) Benzo(a)anthracene	14.07	228	895116	43.11	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	268612	36.29	ng	#	96
82) Chrysene	14.10	228	686018	35.29	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	694296	49.21	ng	#	94
84) Di-n-octyl phthalate	14.66	149	1125212	48.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	681710	45.27	ng		95
87) Benzo(b)fluoranthene	15.11	252	809886	43.10	ng		98
88) Benzo(k)fluoranthene	15.14	252	796873m	49.12	ng		
89) Benzo(a)pyrene	15.47	252	749734	46.13	ng		97
90) Dibenzo(a,h)anthracene	16.98	278	581525	44.27	ng		96
91) Benzo(g,h,i)perylene	17.40	276	551567	41.56	ng	#	90

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

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