Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (QT Reviewed)

Data File : BF095831.D
Acq On : 9 Jun 2017 20:25
Operator : SJ/MA
Sample : I3566-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP(0-10)MSD

Quant Time: Jun 12 06:43:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	62336	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	258277	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	115709	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	215822	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	176189	20.00	ng		-0.02
86) Perylene-d12	20.00	264	128771	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	481306	123.03	ng		-0.02
7) Phenol-d6	6.93	99	574246	122.61	ng		-0.02
23) Nitrobenzene-d5	8.29	82	338222	81.33	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	126212	123.28	ng		-0.03
44) 2-Fluorobiphenyl	11.18	172	641476	77.15	ng		-0.04
78) Terphenyl-d14	16.99	244	569725	80.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.73	88	60207	32.35	ng		95
3) Pyridine	2.28	79	152906	34.96	ng		99
4) n-Nitrosodimethylamine	2.25	42	64462	38.77	ng		82
6) Aniline	6.86	93	197328	32.21	ng		97
8) 2-Chlorophenol	7.05	128	176134	42.35	ng		95
9) Benzaldehyde	6.68	77	64897	20.54	ng		95
10) Phenol	6.95	94	220663	45.42	ng		90
11) bis(2-Chloroethyl)ether	7.01	93	154199	40.07	ng		96
12) 1,3-Dichlorobenzene	7.27	146	179146	38.05	ng		97
13) 1,4-Dichlorobenzene	7.39	146	182396	38.20	ng		97
14) 1,2-Dichlorobenzene	7.63	146	178114	40.47	ng		95
15) Benzyl Alcohol	7.67	79	140000	43.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.86	45	212017	39.21	ng		97
17) 2-Methylphenol	7.90	107	144227	41.32	ng		95
18) Hexachloroethane	8.15	117	60909	38.63	ng	#	87
19) n-Nitroso-di-n-propylamine	8.10	70	118951	40.08	ng		93
20) 3+4-Methylphenols	8.16	107	186496	42.09	ng	#	57
22) Acetophenone	8.06	105	243511	40.28	ng	#	82
24) Nitrobenzene	8.32	77	169097	38.06	ng		90
25) Isophorone	8.72	82	302723	38.98	ng		97
26) 2-Nitrophenol	8.83	139	97006	41.70	ng		99
27) 2,4-Dimethylphenol	8.97	122	150644	41.73	ng		97
28) bis(2-Chloroethoxy)methane	9.10	93	197066	38.50	ng		99
29) 2,4-Dichlorophenol	9.26	162	144733	41.63	ng		98
30) 1,2,4-Trichlorobenzene	9.33	180	140380	38.80	ng		100
31) Naphthalene	9.43	128	502631	38.78	ng		99
33) 4-Chloroaniline	9.59	127	156583	30.91	ng	#	91
34) Hexachlorobutadiene	9.66	225	69719	37.30	ng		98
35) Caprolactam	10.20	113	45814m	44.28	ng		
36) 4-Chloro-3-methylphenol	10.46	107	150983	41.48	ng		91
37) 2-Methylnaphthalene	10.56	142	342291	39.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	133745	38.62	ng		98
40) Hexachlorocyclopentadiene	10.82	237	61201	59.70	ng		98
42) 2,4,6-Trichlorophenol	11.07	196	90448	40.62	ng		99

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Quant Time: Jun 12 06:43:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	88270	37.27	ng	#	92
45) 1,1'-Biphenyl	11.33	154	382730	40.13	ng		96
46) 2-Chloronaphthalene	11.34	162	294177	39.48	ng		94
47) 2-Nitroaniline	11.56	65	88815	40.73	ng	#	79
48) Acenaphthylene	11.99	152	477954	37.51	ng		98
49) Dimethylphthalate	11.89	163	453606	51.63	ng		99
50) 2,6-Dinitrotoluene	11.98	165	77904	40.65	ng	#	87
51) Acenaphthene	12.27	154	278434	37.84	ng		98
52) 3-Nitroaniline	12.24	138	78316	35.08	ng		94
53) 2,4-Dinitrophenol	12.48	184	18782	22.38	ng	#	60
54) Dibenzofuran	12.56	168	437890	42.28	ng		97
55) 4-Nitrophenol	12.65	139	89243	69.13	ng	#	77
56) 2,4-Dinitrotoluene	12.65	165	109271	42.22	ng	#	90
57) Fluorene	13.12	166	347432	38.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	71209	43.94	ng	#	92
59) Diethylphthalate	13.03	149	336491	39.80	ng		99
60) 4-Chlorophenyl-phenylether	13.14	204	150458	38.39	ng		90
61) 4-Nitroaniline	13.24	138	87737	42.09	ng		96
62) Azobenzene	13.40	77	319334	41.67	ng		93
64) 4,6-Dinitro-2-methylphenol	13.32	198	42004	29.61	ng	#	74
65) n-Nitrosodiphenylamine	13.36	169	296412	38.22	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	85898	38.30	ng		96
67) Hexachlorobenzene	14.01	284	85820	38.83	ng	#	88
68) Atrazine	14.28	200	90386	41.88	ng		95
69) Pentachlorophenol	14.37	266	48493	59.69	ng		96
70) Phenanthrene	14.66	178	499593	40.12	ng		98
71) Anthracene	14.74	178	516188	39.71	ng		98
72) Carbazole	15.04	167	497759	39.29	ng		97
73) Di-n-butylphthalate	15.63	149	537252	39.86	ng		99
74) Fluoranthene	16.43	202	518287	42.05	ng		99
76) Benzidine	16.66	184	235160	34.75	ng	#	92
77) Pyrene	16.74	202	529734	40.29	ng		99
79) Butylbenzylphthalate	17.66	149	238295	41.50	ng		90
80) Benzo(a)anthracene	18.33	228	412152	40.23	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	118586	32.56	ng	#	97
82) Chrysene	18.37	228	398574	38.93	ng		98
83) Bis(2-ethylhexyl)phthalate	18.41	149	329189	40.65	ng	#	98
84) Di-n-octyl phthalate	19.18	149	526640	39.46	ng		95
85) Indeno(1,2,3-cd)pyrene	21.17	276	303506	34.65	ng		100
87) Benzo(b)fluoranthene	19.60	252	320582	39.76	ng		98
88) Benzo(k)fluoranthene	19.63	252	313677	40.70	ng	#	94
89) Benzo(a)pyrene	19.94	252	295373	39.86	ng		99
90) Dibenzo(a,h)anthracene	21.17	278	255371	40.62	ng		98
91) Benzo(g,h,i)perylene	21.50	276	265618	41.44	ng		97

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

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