Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099487.D
Acq On : 14 Oct 2017 20:05
Operator : SJ/JU
Sample : I5865-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MSD

Manual Integrations APPROVED
Sohil
10/15/2017 12:41:27 PM

Quant Time: Oct 15 00:19:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93598	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	393362	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	178776	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	304660	20.00	ng		0.00
75) Chrysene-d12	14.02	240	177726	20.00	ng		0.00
86) Perylene-d12	15.49	264	145222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	815617	138.72	ng		0.02
7) Phenol-d6	6.50	99	988111	136.23	ng		0.00
23) Nitrobenzene-d5	7.42	82	594385	96.90	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	198812	135.91	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1081745	101.01	ng		0.00
78) Terphenyl-d14	12.96	244	854664	109.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	109456	38.97	ng		96
3) Pyridine	3.48	79	211398	27.82	ng		93
4) n-Nitrosodimethylamine	3.42	42	124677	38.70	ng		81
6) Aniline	6.52	93	298464	30.49	ng		99
8) 2-Chlorophenol	6.65	128	301055	45.21	ng		94
9) Benzaldehyde	6.41	77	99184	23.57	ng		92
10) Phenol	6.51	94	403258	49.71	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	280806	44.53	ng		97
12) 1,3-Dichlorobenzene	6.79	146	321000	46.03	ng		98
13) 1,4-Dichlorobenzene	6.87	146	327196	46.12	ng		98
14) 1,2-Dichlorobenzene	7.02	146	300773	45.88	ng		99
15) Benzyl Alcohol	7.00	79	225048	42.29	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	391118	39.81	ng		90
17) 2-Methylphenol	7.11	107	246669	45.28	ng		99
18) Hexachloroethane	7.36	117	113398	44.47	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	185522	40.06	ng		92
20) 3+4-Methylphenols	7.27	107	293644	42.60	ng	#	70
22) Acetophenone	7.27	105	391032	41.03	ng	#	97
24) Nitrobenzene	7.44	77	300749	43.22	ng		97
25) Isophorone	7.67	82	554463	43.72	ng		99
26) 2-Nitrophenol	7.76	139	168241	50.28	ng		88
27) 2,4-Dimethylphenol	7.79	122	269368	42.63	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	361164	45.70	ng		98
29) 2,4-Dichlorophenol	8.00	162	250951	46.26	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	252635	46.56	ng		100
31) Naphthalene	8.16	128	853990	46.22	ng		100
32) Benzoic acid	7.90	122	51924	10.00	ng		97
33) 4-Chloroaniline	8.21	127	169457	21.96	ng		96
34) Hexachlorobutadiene	8.27	225	125627	44.95	ng		99
35) Caprolactam	8.59	113	75694m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.70	107	264999	43.46	ng		97
37) 2-Methylnaphthalene	8.85	142	589228	49.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	235312	44.14	ng		99
40) Hexachlorocyclopentadiene	9.00	237	151643	62.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	154657	40.95	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	161853	42.93	ng		98
45) 1,1'-Biphenyl	9.31	154	679753	44.24	ng		99
46) 2-Chloronaphthalene	9.34	162	534201	46.31	ng		98
47) 2-Nitroaniline	9.45	65	155716	44.08	ng		86
48) Acenaphthylene	9.76	152	795903	45.07	ng		99
49) Dimethylphthalate	9.62	163	799414	59.25	ng		100
50) 2,6-Dinitrotoluene	9.68	165	140730	47.91	ng		96
51) Acenaphthene	9.93	154	471841	42.18	ng		98
52) 3-Nitroaniline	9.86	138	108936	31.80	ng	#	87
53) 2,4-Dinitrophenol	9.97	184	62670	43.82	ng		91
54) Dibenzofuran	10.10	168	695442	46.69	ng		98
55) 4-Nitrophenol	10.03	139	149217	51.52	ng		90
56) 2,4-Dinitrotoluene	10.09	165	173059	45.39	ng		94
57) Fluorene	10.45	166	552159	46.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116396	44.69	ng		96
59) Diethylphthalate	10.31	149	589391	44.70	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	251151	46.70	ng		98
61) 4-Nitroaniline	10.47	138	148393	44.91	ng		90
62) Azobenzene	10.59	77	560743	46.25	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	66265	35.75	ng		77
65) n-Nitrosodiphenylamine	10.55	169	500319	47.40	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	144613	48.49	ng		91
67) Hexachlorobenzene	10.99	284	145493	45.68	ng		94
68) Atrazine	11.08	200	152347	47.98	ng		100
69) Pentachlorophenol	11.19	266	98390	49.64	ng		100
70) Phenanthrene	11.40	178	775274	47.54	ng		99
71) Anthracene	11.46	178	803802	48.17	ng		100
72) Carbazole	11.62	167	723436	44.27	ng		99
73) Di-n-butylphthalate	11.93	149	888966	45.20	ng		98
74) Fluoranthene	12.60	202	753072	45.60	ng		98
76) Benzidine	12.72	184	159662	24.29	ng		98
77) Pyrene	12.83	202	758754	55.99	ng		99
79) Butylbenzylphthalate	13.43	149	330238	51.85	ng		97
80) Benzo(a)anthracene	14.01	228	519934	48.31	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	112357	28.48	ng		99
82) Chrysene	14.05	228	482699	47.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	408695	46.60	ng	#	99
84) Di-n-octyl phthalate	14.59	149	575234	40.73	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	470280	57.38	ng		96
87) Benzo(b)fluoranthene	15.06	252	425768m	47.68	ng		
88) Benzo(k)fluoranthene	15.09	252	382735	43.40	ng		99
89) Benzo(a)pyrene	15.43	252	392019	47.83	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	390489	59.53	ng		96
91) Benzo(g,h,i)perylene	17.44	276	414435	63.92	ng		94

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

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