Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092876.D
Acq On : 9 Feb 2017 1:46
Operator : SJ/MA
Sample : I1754-09MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMSD

Manual Integrations APPROVED
mohammad
2/9/2017 12:32:02 PM

Quant Time: Feb 09 12:48:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	144675	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	552463	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	323099	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	470446	20.00	ng		0.00
75) Chrysene-d12	14.08	240	337911	20.00	ng		0.01
86) Perylene-d12	15.52	264	360243	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	408	0.05	ng		0.03
7) Phenol-d6	6.54	99	34637	3.19	ng		0.01
23) Nitrobenzene-d5	7.47	82	956563	96.42	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.26	172	1731996	97.12	ng		0.00
78) Terphenyl-d14	13.01	244	1475310	102.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	161377	35.42	ng	#	85
3) Pyridine	3.25	79	454431	39.22	ng		87
4) n-Nitrosodimethylamine	3.40	42	145685	26.78	ng		91
6) Aniline	6.56	93	324373	21.92	ng	#	48
10) Phenol	6.56	94	69414	5.47	ng	#	1
11) bis(2-Chloroethyl)ether	6.62	93	407246	40.19	ng		90
12) 1,3-Dichlorobenzene	6.84	146	477196	43.79	ng		98
13) 1,4-Dichlorobenzene	6.91	146	477992	43.34	ng		99
14) 1,2-Dichlorobenzene	7.07	146	471824	44.74	ng		98
15) Benzyl Alcohol	7.05	79	381911	47.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	793035	45.05	ng		94
17) 2-Methylphenol	7.17	107	41762	5.23	ng	#	58
18) Hexachloroethane	7.41	117	164662	43.74	ng		90
19) n-Nitroso-di-n-propylamine	7.31	70	324609	47.00	ng		96
20) 3+4-Methylphenols	7.32	107	63408	6.64	ng	#	85
22) Acetophenone	7.31	105	605258	47.98	ng	#	93
24) Nitrobenzene	7.48	77	444554	43.64	ng		98
25) Isophorone	7.72	82	1089928	58.96	ng		100
27) 2,4-Dimethylphenol	7.85	122	64506	7.59	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	588487	48.07	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	405053	47.39	ng		94
31) Naphthalene	8.21	128	4051707	144.67	ng		99
32) Benzoic acid	7.97	122	13247	9.50	ng	#	16
33) 4-Chloroaniline	8.26	127	343232	31.25	ng		95
34) Hexachlorobutadiene	8.32	225	206371	43.88	ng		98
35) Caprolactam	8.59	113	74029	29.67	ng	#	48
37) 2-Methylnaphthalene	8.90	142	1976912	109.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	363125	40.04	ng		98
40) Hexachlorocyclopentadiene	9.05	237	230423	56.31	ng		96
45) 1,1'-Biphenyl	9.37	154	1534428	65.59	ng		99
46) 2-Chloronaphthalene	9.39	162	849671	46.42	ng		96
47) 2-Nitroaniline	9.48	65	254295	41.33	ng		97
48) Acenaphthylene	9.80	152	1363851	43.14	ng		99
49) Dimethylphthalate	9.66	163	468790	21.54	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.73	165	223771	47.61	ng		93
51) Acenaphthene	9.98	154	2302613	121.81	ng		97
52) 3-Nitroaniline	9.90	138	240671	44.75	ng		82
54) Dibenzofuran	10.16	168	3123238	123.53	ng		91
56) 2,4-Dinitrotoluene	10.13	165	215106	34.38	ng	#	89
57) Fluorene	10.50	166	2458872	126.41	ng		97
59) Diethylphthalate	10.36	149	720446	35.13	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	342888	36.69	ng	#	72
61) 4-Nitroaniline	10.51	138	238118	43.22	ng		89
62) Azobenzene	10.64	77	915456	43.21	ng		88
64) 4,6-Dinitro-2-methylphenol	10.58	198	235	2.75	ng	#	1
65) n-Nitrosodiphenylamine	10.60	169	947772	63.07	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	238082	48.44	ng		96
67) Hexachlorobenzene	11.05	284	246144	50.68	ng		94
68) Atrazine	11.14	200	268142	55.60	ng		97
70) Phenanthrene	11.47	178	7478844m	277.48	ng		
71) Anthracene	11.52	178	2330100m	86.09	ng		
72) Carbazole	11.66	167	1887768	72.96	ng		99
73) Di-n-butylphthalate	11.98	149	1293973	46.24	ng	#	98
74) Fluoranthene	12.66	202	5005442	180.04	ng		97
76) Benzidine	12.76	184	391889	27.22	ng		96
77) Pyrene	12.89	202	4134415	163.49	ng		97
79) Butylbenzylphthalate	13.48	149	450578	43.88	ng		89
80) Benzo(a)anthracene	14.07	228	2069258	100.12	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	245958	33.39	ng		97
82) Chrysene	14.10	228	1553477	80.28	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	836245	59.55	ng	#	97
84) Di-n-octyl phthalate	14.65	149	1275042	55.75	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	1078729	71.97	ng		96
87) Benzo(b)fluoranthene	15.11	252	1785148m	75.29	ng		
88) Benzo(k)fluoranthene	15.13	252	833493m	40.71	ng		
89) Benzo(a)pyrene	15.46	252	1178797	57.47	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	838349	50.57	ng		99
91) Benzo(g,h,i)perylene	17.39	276	946540	56.52	ng	#	95

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

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