Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094193.D
Acq On : 5 Apr 2017 17:01
Operator : SJ/MA
Sample : I2523-15MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEMETERY-3(0-7)MSD

Manual Integrations APPROVED
mohammad
4/6/2017 3:38:33 PM

Quant Time: Apr 06 01:46:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	166501	20.00	ng		-0.04
21) Naphthalene-d8	7.37	136	680954	20.00	ng		-0.04
38) Acenaphthene-d10	9.51	164	306717	20.00	ng		-0.04
63) Phenanthrene-d10	11.33	188	539597	20.00	ng		-0.04
75) Chrysene-d12	14.59	240	416323	20.00	ng		-0.04
86) Perylene-d12	16.20	264	298044	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1307997	132.69	ng		-0.03
7) Phenol-d6	5.48	99	1667335	136.72	ng		-0.03
23) Nitrobenzene-d5	6.52	82	1055725	88.48	ng		-0.04
41) 2,4,6-Tribromophenol	10.49	330	355309	146.60	ng		-0.04
44) 2-Fluorobiphenyl	8.69	172	1864285	92.71	ng		-0.04
78) Terphenyl-d14	13.31	244	1556590	83.81	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	176683	37.31	ng		97
3) Pyridine	2.73	79	300376	23.27	ng		98
4) n-Nitrosodimethylamine	2.69	42	250616	47.19	ng		93
6) Aniline	5.49	93	566072	33.37	ng	#	8
8) 2-Chlorophenol	5.63	128	540900	49.92	ng		97
9) Benzaldehyde	5.36	77	291867	35.44	ng		100
10) Phenol	5.49	94	653836	47.11	ng		82
11) bis(2-Chloroethyl)ether	5.57	93	506128	46.67	ng		99
12) 1,3-Dichlorobenzene	5.80	146	565045	46.49	ng		99
13) 1,4-Dichlorobenzene	5.89	146	569506	46.26	ng		98
14) 1,2-Dichlorobenzene	6.06	146	532063	46.93	ng		96
15) Benzyl Alcohol	6.04	79	445101	49.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.20	45	706787	42.29	ng		96
17) 2-Methylphenol	6.18	107	454830	49.01	ng		97
18) Hexachloroethane	6.46	117	204179	47.19	ng	#	86
19) n-Nitroso-di-n-propylamine	6.36	70	371345	47.38	ng		97
20) 3+4-Methylphenols	6.36	107	567822	50.52	ng	#	62
22) Acetophenone	6.34	105	763012	50.28	ng	#	87
24) Nitrobenzene	6.54	77	558049	47.42	ng		95
25) Isophorone	6.83	82	1012909	48.31	ng		95
26) 2-Nitrophenol	6.92	139	310946	55.41	ng		97
27) 2,4-Dimethylphenol	6.99	122	483852	50.04	ng		99
28) bis(2-Chloroethoxy)methane	7.09	93	661257	47.83	ng		99
29) 2,4-Dichlorophenol	7.21	162	471900	52.19	ng		96
30) 1,2,4-Trichlorobenzene	7.30	180	452585	48.60	ng		98
31) Naphthalene	7.40	128	1531490	46.77	ng		99
32) Benzoic acid	7.07	122	16197	2.52	ng		91
33) 4-Chloroaniline	7.46	127	553843	41.73	ng		94
34) Hexachlorobutadiene	7.55	225	226738	47.48	ng		99
35) Caprolactam	7.91	113	139689m	48.45	ng		
36) 4-Chloro-3-methylphenol	8.08	107	501594	53.09	ng		89
37) 2-Methylnaphthalene	8.24	142	1059282	48.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	386560	46.07	ng		99
40) Hexachlorocyclopentadiene	8.43	237	378809	96.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	311788	52.52	ng		94
43) 2,4,5-Trichlorophenol	8.65	196	320027	49.82	ng		92
45) 1,1'-Biphenyl	8.82	154	1183389	47.83	ng		97
46) 2-Chloronaphthalene	8.83	162	951635	49.14	ng		94
47) 2-Nitroaniline	8.96	65	301301	52.45	ng	#	80
48) Acenaphthylene	9.34	152	1492927	46.39	ng		99
49) Dimethylphthalate	9.20	163	1247818	57.23	ng		99
50) 2,6-Dinitrotoluene	9.27	165	258377	51.70	ng		90
51) Acenaphthene	9.55	154	883901	47.07	ng		99
52) 3-Nitroaniline	9.47	138	258713	44.08	ng		93
53) 2,4-Dinitrophenol	9.60	184	78619	32.34	ng	#	75
54) Dibenzofuran	9.76	168	1269508	49.66	ng		99
55) 4-Nitrophenol	9.72	139	426934	92.89	ng	#	70
56) 2,4-Dinitrotoluene	9.76	165	303197	48.29	ng	#	66
57) Fluorene	10.19	166	959673	45.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	229368	52.04	ng		97
59) Diethylphthalate	10.07	149	1077654	50.01	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	413350	45.77	ng		93
61) 4-Nitroaniline	10.23	138	296017	52.56	ng		94
62) Azobenzene	10.39	77	1063411	52.17	ng		97
64) 4,6-Dinitro-2-methylphenol	10.27	198	97847	29.61	ng	#	65
65) n-Nitrosodiphenylamine	10.35	169	913913	48.98	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	263080	49.57	ng		98
67) Hexachlorobenzene	10.86	284	272040	50.64	ng	#	87
68) Atrazine	11.02	200	276824	49.53	ng		96
69) Pentachlorophenol	11.11	266	212292	63.49	ng		97
70) Phenanthrene	11.36	178	1430236	47.65	ng		99
71) Anthracene	11.43	178	1481499	47.94	ng		99
72) Carbazole	11.63	167	1412820	44.58	ng		98
73) Di-n-butylphthalate	12.08	149	1653229	50.16	ng		99
74) Fluoranthene	12.83	202	1469268	47.80	ng		99
76) Benzidine	12.99	184	187921	11.40	ng		95
77) Pyrene	13.10	202	1504655	49.80	ng		99
79) Butylbenzylphthalate	13.92	149	706250	54.86	ng	#	82
80) Benzo(a)anthracene	14.57	228	1207316	49.73	ng		99
81) 3,3'-Dichlorobenzidine	14.54	252	356213	41.05	ng	#	98
82) Chrysene	14.62	228	1061295	47.11	ng		99
83) Bis(2-ethylhexyl)phthalate	14.63	149	941281	53.59	ng	#	100
84) Di-n-octyl phthalate	15.39	149	1465987	49.96	ng		98
85) Indeno(1,2,3-cd)pyrene	17.54	276	865188	44.34	ng		100
87) Benzo(b)fluoranthene	15.80	252	926497	50.71	ng		98
88) Benzo(k)fluoranthene	15.83	252	899480	50.32	ng		97
89) Benzo(a)pyrene	16.15	252	843426	50.13	ng		99
90) Dibenzo(a,h)anthracene	17.56	278	705583	49.52	ng		99
91) Benzo(g,h,i)perylene	17.93	276	730919	50.90	ng		97

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

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