Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
Data File : BF094438.D
Acq On : 14 Apr 2017 19:45
Operator : SJ/MA
Sample : I2672-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Z8-BASEMS

Quant Time: Apr 15 01:36:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 16:39:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	142713	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	577063	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	269911	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	494024	20.00	ng		0.00
75) Chrysene-d12	14.49	240	374989	20.00	ng		0.00
86) Perylene-d12	16.10	264	276336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	1106838	130.99	ng		0.02
7) Phenol-d6	5.42	99	1399555	133.89	ng		0.01
23) Nitrobenzene-d5	6.43	82	881104	87.14	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	295670	138.62	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1543187	87.21	ng		0.00
78) Terphenyl-d14	13.22	244	1312469	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	148801	36.66	ng		98
3) Pyridine	2.63	79	358144	32.37	ng		99
4) n-Nitrosodimethylamine	2.59	42	197603	43.41	ng		91
6) Aniline	5.40	93	299381	20.59	ng	#	77
8) 2-Chlorophenol	5.55	128	438480	47.21	ng		94
9) Benzaldehyde	5.27	77	124959	17.70	ng		100
10) Phenol	5.43	94	587697	49.41	ng		90
11) bis(2-Chloroethyl)ether	5.49	93	417645	44.93	ng		95
12) 1,3-Dichlorobenzene	5.71	146	467131	44.84	ng		99
13) 1,4-Dichlorobenzene	5.79	146	470472	44.59	ng		97
14) 1,2-Dichlorobenzene	5.97	146	432653	44.53	ng		97
15) Benzyl Alcohol	5.96	79	339604	44.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	538245	37.58	ng	#	35
17) 2-Methylphenol	6.10	107	359062	45.14	ng	#	90
18) Hexachloroethane	6.36	117	162145	43.72	ng		89
19) n-Nitroso-di-n-propylamine	6.27	70	317285	47.23	ng		96
20) 3+4-Methylphenols	6.29	107	503052	52.22	ng	#	61
22) Acetophenone	6.25	105	626210	48.69	ng	#	86
24) Nitrobenzene	6.45	77	446637	44.79	ng		94
25) Isophorone	6.74	82	809986	45.59	ng		95
26) 2-Nitrophenol	6.83	139	249921	52.55	ng		100
27) 2,4-Dimethylphenol	6.90	122	401097	48.95	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	525517	44.85	ng		98
29) 2,4-Dichlorophenol	7.13	162	386121	50.39	ng		99
30) 1,2,4-Trichlorobenzene	7.22	180	370976	47.01	ng		99
31) Naphthalene	7.30	128	1247976	44.98	ng		100
33) 4-Chloroaniline	7.37	127	142327	12.66	ng	#	93
34) Hexachlorobutadiene	7.46	225	185239	45.77	ng		98
35) Caprolactam	7.82	113	90806m	37.16	ng		
36) 4-Chloro-3-methylphenol	8.01	107	405026	50.59	ng		87
37) 2-Methylnaphthalene	8.15	142	862293	46.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	330924	44.82	ng		100
40) Hexachlorocyclopentadiene	8.34	237	248678	71.97	ng		99
42) 2,4,6-Trichlorophenol	8.50	196	249677	47.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.56	196	255907	45.27	ng		97
45) 1,1'-Biphenyl	8.72	154	965840	44.36	ng		98
46) 2-Chloronaphthalene	8.74	162	773465	45.39	ng		95
47) 2-Nitroaniline	8.87	65	241180	47.71	ng	#	84
48) Acenaphthylene	9.25	152	1204970	42.54	ng		99
49) Dimethylphthalate	9.12	163	1043896	54.41	ng		99
50) 2,6-Dinitrotoluene	9.18	165	212988	48.43	ng	#	88
51) Acenaphthene	9.46	154	725923	43.92	ng		99
52) 3-Nitroaniline	9.38	138	145042	28.08	ng		88
53) 2,4-Dinitrophenol	9.52	184	65530	30.88	ng	#	69
54) Dibenzofuran	9.67	168	1051369	46.73	ng		98
55) 4-Nitrophenol	9.65	139	336637	83.23	ng		86
56) 2,4-Dinitrotoluene	9.67	165	263803	47.75	ng	#	70
57) Fluorene	10.09	166	812373	43.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	182508	47.06	ng		96
59) Diethylphthalate	9.98	149	897963	47.35	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	351623	44.24	ng		92
61) 4-Nitroaniline	10.15	138	223720	45.14	ng		97
62) Azobenzene	10.29	77	857565	47.81	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	105265	34.79	ng	#	71
65) n-Nitrosodiphenylamine	10.25	169	769723	45.05	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	223577	46.02	ng		97
67) Hexachlorobenzene	10.77	284	220990	44.93	ng	#	90
68) Atrazine	10.93	200	234307	45.79	ng		95
69) Pentachlorophenol	11.02	266	164487	53.73	ng		99
70) Phenanthrene	11.27	178	1205146	43.85	ng		99
71) Anthracene	11.33	178	1252630	44.27	ng		99
72) Carbazole	11.54	167	1196475	41.24	ng		98
73) Di-n-butylphthalate	11.99	149	1412274	46.80	ng		99
74) Fluoranthene	12.73	202	1250858	44.45	ng		99
76) Benzidine	12.90	184	299158	20.16	ng	#	92
77) Pyrene	13.00	202	1252239	46.01	ng		99
79) Butylbenzylphthalate	13.82	149	598969	51.66	ng	#	84
80) Benzo(a)anthracene	14.47	228	997853	45.63	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	170242	21.78	ng	#	98
82) Chrysene	14.52	228	906023	44.65	ng		99
83) Bis(2-ethylhexyl)phthalate	14.54	149	816958	51.64	ng	#	98
84) Di-n-octyl phthalate	15.29	149	1284127	48.59	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	745294	42.41	ng		99
87) Benzo(b)fluoranthene	15.70	252	837643	49.45	ng		98
88) Benzo(k)fluoranthene	15.74	252	718331m	43.34	ng		
89) Benzo(a)pyrene	16.05	252	721062	46.23	ng		99
90) Dibenzo(a,h)anthracene	17.41	278	612198	46.34	ng		98
91) Benzo(g,h,i)perylene	17.77	276	624091	46.88	ng		98

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

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