Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093672.D
Acq On : 15 Mar 2017 17:14
Operator : SJ/MA
Sample : I2264-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-BB7-WSWMSD

Quant Time: Mar 16 10:57:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	172907	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	722001	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	327067	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	582795	20.00	ng		0.00
75) Chrysene-d12	13.89	240	343928	20.00	ng		0.00
86) Perylene-d12	15.29	264	302086	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1640537	157.91	ng		-0.01
7) Phenol-d6	6.38	99	1985119	151.53	ng		0.00
23) Nitrobenzene-d5	7.29	82	1350865	103.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	322419	151.31	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1699409	96.65	ng		0.00
78) Terphenyl-d14	12.84	244	1326310	100.26	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	266199	46.52	ng	#	82
3) Pyridine	2.95	79	563417	38.62	ng		86
4) n-Nitrosodimethylamine	2.89	42	364964	52.37	ng		79
6) Aniline	6.40	93	416448	23.16	ng	#	75
8) 2-Chlorophenol	6.50	128	587432	50.47	ng		95
9) Benzaldehyde	6.26	77	318935	39.66	ng		95
10) Phenol	6.39	94	1061149	66.10	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	809065	62.36	ng		91
12) 1,3-Dichlorobenzene	6.64	146	638319m	47.91	ng		
13) 1,4-Dichlorobenzene	6.72	146	665409	48.78	ng		98
14) 1,2-Dichlorobenzene	6.88	146	569909	47.18	ng		96
15) Benzyl Alcohol	6.88	79	441805	47.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	980085	45.47	ng	#	10
17) 2-Methylphenol	7.00	107	695399	70.63	ng	#	92
18) Hexachloroethane	7.21	117	229608	49.91	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	502597	55.80	ng		96
20) 3+4-Methylphenols	7.16	107	1087225	85.15	ng	#	74
22) Acetophenone	7.13	105	884285	50.90	ng	#	99
24) Nitrobenzene	7.30	77	719947	49.23	ng		95
25) Isophorone	7.56	82	1420611	54.14	ng		94
26) 2-Nitrophenol	7.62	139	350215	52.49	ng		90
27) 2,4-Dimethylphenol	7.68	122	1011250	93.16	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	865008	52.22	ng		99
29) 2,4-Dichlorophenol	7.89	162	501784	49.14	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	509273	46.90	ng		95
31) Naphthalene	8.02	128	1801383	49.79	ng		99
33) 4-Chloroaniline	8.15	127	230226m	15.68	ng		
34) Hexachlorobutadiene	8.13	225	253676	45.35	ng		99
35) Caprolactam	8.49	113	170536m	48.90	ng		
36) 4-Chloro-3-methylphenol	8.61	107	556630	51.07	ng		97
37) 2-Methylnaphthalene	8.72	142	1056326	45.89	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	477322	53.45	ng		99
40) Hexachlorocyclopentadiene	8.86	237	221768	95.63	ng		95
42) 2,4,6-Trichlorophenol	9.02	196	333984	59.85	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	300380	50.17	ng		94
45) 1,1'-Biphenyl	9.18	154	1254571	52.66	ng		95
46) 2-Chloronaphthalene	9.21	162	1058704	58.05	ng		98
47) 2-Nitroaniline	9.33	65	376164	58.35	ng		98
48) Acenaphthylene	9.62	152	1591773	52.92	ng		99
49) Dimethylphthalate	9.50	163	1464842	67.56	ng		99
50) 2,6-Dinitrotoluene	9.57	165	219943	46.23	ng	#	44
51) Acenaphthene	9.80	154	940358	52.87	ng		96
52) 3-Nitroaniline	9.75	138	190661	33.36	ng		94
53) 2,4-Dinitrophenol	9.88	184	109458	50.52	ng	#	64
54) Dibenzofuran	9.97	168	1273293	57.20	ng		98
55) 4-Nitrophenol	9.96	139	160315m	57.74	ng		
56) 2,4-Dinitrotoluene	9.98	165	351195	60.08	ng	#	70
57) Fluorene	10.31	166	955003	50.62	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	271806	64.33	ng		92
59) Diethylphthalate	10.20	149	1209151	58.35	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	436073	51.57	ng		95
61) 4-Nitroaniline	10.37	138	245415	41.98	ng		97
62) Azobenzene	10.46	77	1351797	57.41	ng		92
64) 4,6-Dinitro-2-methylphenol	10.40	198	151984	40.25	ng		82
65) n-Nitrosodiphenylamine	10.44	169	918092	47.18	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	273490	44.38	ng		99
67) Hexachlorobenzene	10.86	284	266352	45.26	ng	#	77
68) Atrazine	10.97	200	256953	45.11	ng		93
69) Pentachlorophenol	11.08	266	152698	75.16	ng		98
70) Phenanthrene	11.27	178	1415955	42.56	ng		99
71) Anthracene	11.33	178	1439912	42.79	ng		99
72) Carbazole	11.50	167	1424745	45.07	ng		98
73) Di-n-butylphthalate	11.82	149	1698132	46.43	ng	#	95
74) Fluoranthene	12.47	202	1362316	42.40	ng		93
76) Benzidine	12.61	184	507803	44.90	ng		96
77) Pyrene	12.69	202	1283917	51.33	ng		100
79) Butylbenzylphthalate	13.31	149	616624	58.56	ng		94
80) Benzo(a)anthracene	13.88	228	938224	46.19	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	299660	42.13	ng		96
82) Chrysene	13.92	228	903815	48.10	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	912920	62.20	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1361782	55.67	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	930182	59.14	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	1028925m	55.93	ng		
88) Benzo(k)fluoranthene	14.93	252	616634m	34.75	ng		
89) Benzo(a)pyrene	15.24	252	794620	47.26	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	788662	56.70	ng		99
91) Benzo(g,h,i)perylene	17.04	276	823630	57.69	ng	#	90

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

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