Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094067.D
Acq On : 30 Mar 2017 19:31
Operator : SJ/MA
Sample : I2384-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001MSD

Quant Time: Mar 31 03:38:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	198494	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	809261	20.00	ng		-0.04
38) Acenaphthene-d10	9.56	164	380776	20.00	ng		-0.04
63) Phenanthrene-d10	11.39	188	647100	20.00	ng		-0.04
75) Chrysene-d12	14.64	240	458722	20.00	ng		-0.04
86) Perylene-d12	16.27	264	223503	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1409164	119.91	ng		0.00
7) Phenol-d6	5.53	99	1691264	116.33	ng		-0.02
23) Nitrobenzene-d5	6.56	82	1195477	84.30	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	431396	143.37	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	2350563	94.16	ng		-0.04
78) Terphenyl-d14	13.37	244	1788589	87.40	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	198124	35.09	ng	#	83
3) Pyridine	2.88	79	499009	32.43	ng		99
4) n-Nitrosodimethylamine	2.82	42	257676	40.70	ng		90
6) Aniline	5.55	93	95093	4.70	ng	#	1
8) 2-Chlorophenol	5.69	128	571623	44.25	ng		95
9) Benzaldehyde	5.41	77	45047	4.59	ng		98
10) Phenol	5.55	94	609848	36.86	ng		96
11) bis(2-Chloroethyl)ether	5.62	93	566395	43.81	ng		99
12) 1,3-Dichlorobenzene	5.85	146	581456	40.13	ng		98
13) 1,4-Dichlorobenzene	5.93	146	598417	40.78	ng		97
14) 1,2-Dichlorobenzene	6.11	146	637943	47.20	ng		96
15) Benzyl Alcohol	6.09	79	405412	38.10	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.24	45	806861	40.50	ng		76
17) 2-Methylphenol	6.23	107	484770	43.82	ng	#	92
18) Hexachloroethane	6.50	117	215178	41.72	ng	#	85
19) n-Nitroso-di-n-propylamine	6.40	70	418702	44.81	ng		97
20) 3+4-Methylphenols	6.41	107	633609	47.29	ng	#	64
22) Acetophenone	6.39	105	849156	47.08	ng	#	86
24) Nitrobenzene	6.59	77	609530	43.58	ng		94
25) Isophorone	6.87	82	1131768	45.42	ng		95
26) 2-Nitrophenol	6.96	139	338822	50.80	ng		95
27) 2,4-Dimethylphenol	7.03	122	568796	49.49	ng		98
28) bis(2-Chloroethoxy)methane	7.13	93	715514	43.54	ng		99
29) 2,4-Dichlorophenol	7.26	162	537602	50.03	ng		97
30) 1,2,4-Trichlorobenzene	7.35	180	506309	45.75	ng		99
31) Naphthalene	7.45	128	2569478	66.03	ng		100
32) Benzoic acid	7.19	122	379105	49.55	ng		86
33) 4-Chloroaniline	7.53	127	35134	2.23	ng		94
34) Hexachlorobutadiene	7.60	225	250248	44.09	ng		96
35) Caprolactam	7.97	113	144186m	42.08	ng		
36) 4-Chloro-3-methylphenol	8.14	107	560547	49.93	ng		88
37) 2-Methylnaphthalene	8.29	142	1432647	55.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	453808	43.57	ng		98
40) Hexachlorocyclopentadiene	8.49	237	439171	90.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	365031	49.53	ng		97
43) 2,4,5-Trichlorophenol	8.70	196	359209	45.05	ng	#	93
45) 1,1'-Biphenyl	8.86	154	1404277	45.72	ng		98
46) 2-Chloronaphthalene	8.89	162	1077899	44.83	ng		96
47) 2-Nitroaniline	9.02	65	310127	43.48	ng	#	80
48) Acenaphthylene	9.39	152	1706315	42.70	ng		100
49) Dimethylphthalate	9.26	163	1316848	48.65	ng		99
50) 2,6-Dinitrotoluene	9.32	165	294330	47.44	ng		92
51) Acenaphthene	9.60	154	1049918	45.03	ng		98
52) 3-Nitroaniline	9.52	138	37958	5.21	ng		87
53) 2,4-Dinitrophenol	9.66	184	318619	95.03	ng	#	73
54) Dibenzofuran	9.82	168	1498894	47.23	ng		99
55) 4-Nitrophenol	9.77	139	389825	68.32	ng	#	69
56) 2,4-Dinitrotoluene	9.82	165	353205	45.32	ng	#	68
57) Fluorene	10.24	166	1124414	42.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	270371	49.41	ng		98
59) Diethylphthalate	10.13	149	1282650	47.95	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	485425	43.29	ng		92
61) 4-Nitroaniline	10.27	138	155553	22.25	ng		97
62) Azobenzene	10.44	77	1172449	46.33	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	210319	53.07	ng	#	66
65) n-Nitrosodiphenylamine	10.40	169	707752	31.63	ng		96
66) 4-Bromophenyl-phenylether	10.85	248	309060	48.56	ng		99
67) Hexachlorobenzene	10.92	284	312626	48.53	ng	#	87
68) Atrazine	11.06	200	98096	14.64	ng		97
69) Pentachlorophenol	11.17	266	320482	79.92	ng		100
70) Phenanthrene	11.42	178	1616953	44.92	ng		99
71) Anthracene	11.49	178	1663566	44.88	ng		99
72) Carbazole	11.68	167	929291	24.45	ng		98
73) Di-n-butylphthalate	12.13	149	1929265	48.81	ng		99
74) Fluoranthene	12.88	202	1620363	43.96	ng		99
77) Pyrene	13.16	202	1599525	48.05	ng		100
79) Butylbenzylphthalate	13.97	149	782138	55.14	ng		88
80) Benzo(a)anthracene	14.63	228	1263042	47.22	ng		99
82) Chrysene	14.67	228	1090874	43.95	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	1044848	53.99	ng	#	100
84) Di-n-octyl phthalate	15.44	149	1722882	53.29	ng		97
85) Indeno(1,2,3-cd)pyrene	17.63	276	884611	41.15	ng		100
87) Benzo(b)fluoranthene	15.86	252	970142	70.81	ng		98
88) Benzo(k)fluoranthene	15.90	252	959243m	71.56	ng		
89) Benzo(a)pyrene	16.22	252	847405	67.17	ng		99
90) Dibenzo(a,h)anthracene	17.65	278	761841	71.30	ng		98
91) Benzo(g,h,i)perylene	18.03	276	717255	66.61	ng		98

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

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