Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094080.D
Acq On : 31 Mar 2017 1:28
Operator : SJ/MA
Sample : I2416-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2(10-10.5)MSD

Quant Time: Mar 31 03:59:58 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	197719	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	811046	20.00	ng		-0.04
38) Acenaphthene-d10	9.56	164	369514	20.00	ng		-0.04
63) Phenanthrene-d10	11.39	188	619545	20.00	ng		-0.04
75) Chrysene-d12	14.64	240	419222	20.00	ng		-0.04
86) Perylene-d12	16.26	264	316147	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1581590	135.11	ng		-0.01
7) Phenol-d6	5.53	99	2040056	140.87	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1330296	93.61	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	421139	144.23	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	2130088	87.92	ng		-0.04
78) Terphenyl-d14	13.36	244	1655638	88.52	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	229505	40.81	ng		96
3) Pyridine	2.82	79	267928	17.48	ng		97
4) n-Nitrosodimethylamine	2.78	42	298712	47.36	ng		91
6) Aniline	5.54	93	455792	22.63	ng	#	1
8) 2-Chlorophenol	5.68	128	644883	50.12	ng		98
9) Benzaldehyde	5.40	77	160645	16.43	ng		99
10) Phenol	5.55	94	757464	45.96	ng		98
11) bis(2-Chloroethyl)ether	5.62	93	630921	48.99	ng		99
12) 1,3-Dichlorobenzene	5.85	146	695895	48.22	ng		99
13) 1,4-Dichlorobenzene	5.93	146	706047	48.30	ng		97
14) 1,2-Dichlorobenzene	6.11	146	647377	48.09	ng		96
15) Benzyl Alcohol	6.09	79	531034	50.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	854544	43.06	ng		94
17) 2-Methylphenol	6.23	107	552109	50.10	ng		93
18) Hexachloroethane	6.50	117	250751	48.80	ng		88
19) n-Nitroso-di-n-propylamine	6.40	70	466116	50.08	ng		98
20) 3+4-Methylphenols	6.41	107	701994	52.60	ng	#	64
22) Acetophenone	6.39	105	946116	52.34	ng	#	86
24) Nitrobenzene	6.59	77	682178	48.67	ng		96
25) Isophorone	6.87	82	1257150	50.34	ng		95
26) 2-Nitrophenol	6.96	139	374376	56.01	ng		97
27) 2,4-Dimethylphenol	7.03	122	613434	53.26	ng		98
28) bis(2-Chloroethoxy)methane	7.13	93	815015	49.49	ng		99
29) 2,4-Dichlorophenol	7.26	162	580867	53.94	ng		99
30) 1,2,4-Trichlorobenzene	7.35	180	563757	50.83	ng		98
31) Naphthalene	7.45	128	1879317	48.19	ng		100
32) Benzoic acid	7.16	122	102801	13.41	ng		96
33) 4-Chloroaniline	7.51	127	317961	20.12	ng	#	94
34) Hexachlorobutadiene	7.60	225	282489	49.66	ng		97
35) Caprolactam	7.97	113	156436m	45.55	ng		
36) 4-Chloro-3-methylphenol	8.13	107	611735	54.36	ng		89
37) 2-Methylnaphthalene	8.29	142	1313482	50.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	482243	47.71	ng		99
40) Hexachlorocyclopentadiene	8.49	237	464228	98.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	386698	54.07	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	381658	49.32	ng		95
45) 1,1'-Biphenyl	8.86	154	1419633	47.63	ng		97
46) 2-Chloronaphthalene	8.89	162	1133233	48.57	ng		95
47) 2-Nitroaniline	9.01	65	345560	49.93	ng		86
48) Acenaphthylene	9.39	152	1760340	45.40	ng		99
49) Dimethylphthalate	9.26	163	1475883	56.19	ng		99
50) 2,6-Dinitrotoluene	9.32	165	306231	50.86	ng		94
51) Acenaphthene	9.60	154	1048413	46.34	ng		99
52) 3-Nitroaniline	9.52	138	216886	30.67	ng		89
53) 2,4-Dinitrophenol	9.65	184	226298	70.80	ng	#	75
54) Dibenzofuran	9.82	168	1486436	48.26	ng		99
55) 4-Nitrophenol	9.77	139	469260	84.75	ng	#	65
56) 2,4-Dinitrotoluene	9.82	165	360188	47.62	ng	#	66
57) Fluorene	10.24	166	1112466	43.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	274292	51.66	ng		97
59) Diethylphthalate	10.12	149	1294822	49.88	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	477373	43.87	ng		91
61) 4-Nitroaniline	10.29	138	322548	47.54	ng		96
62) Azobenzene	10.44	77	1213323	49.41	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	194004	51.13	ng	#	68
65) n-Nitrosodiphenylamine	10.40	169	1071608	50.02	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	310967	51.03	ng		96
67) Hexachlorobenzene	10.92	284	319776	51.84	ng	#	89
68) Atrazine	11.07	200	314273	48.97	ng		96
69) Pentachlorophenol	11.16	266	314285	81.86	ng		97
70) Phenanthrene	11.42	178	1605213	46.58	ng		99
71) Anthracene	11.48	178	1668068	47.01	ng		99
72) Carbazole	11.69	167	1573746	43.25	ng		98
73) Di-n-butylphthalate	12.13	149	1882501	49.75	ng		100
74) Fluoranthene	12.88	202	1594330	45.18	ng		99
76) Benzidine	13.04	184	239765	14.45	ng	#	92
77) Pyrene	13.16	202	1582745	52.02	ng		99
79) Butylbenzylphthalate	13.97	149	761557	58.75	ng	#	85
80) Benzo(a)anthracene	14.63	228	1178159	48.19	ng		99
81) 3,3'-Dichlorobenzidine	14.60	252	239492	27.41	ng	#	96
82) Chrysene	14.67	228	1013736	44.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.69	149	1016507	57.48	ng	#	100
84) Di-n-octyl phthalate	15.44	149	1585487	53.66	ng		97
85) Indeno(1,2,3-cd)pyrene	17.63	276	964226	49.08	ng		99
87) Benzo(b)fluoranthene	15.86	252	966434	49.87	ng		98
88) Benzo(k)fluoranthene	15.89	252	863536m	45.54	ng		
89) Benzo(a)pyrene	16.21	252	870966	48.81	ng		100
90) Dibenzo(a,h)anthracene	17.64	278	801489	53.03	ng		97
91) Benzo(g,h,i)perylene	18.03	276	814567	53.48	ng		97

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

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