Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098408.D
Acq On : 11 Sep 2017 17:45
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Quant Time: Sep 11 18:13:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 17:18:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	199327	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	839532	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	375434	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	684794	20.00	ng		0.00
75) Chrysene-d12	13.82	240	449576	20.00	ng		0.00
86) Perylene-d12	15.21	264	348201	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1555615	118.71	ng		0.00
7) Phenol-d6	6.33	99	1906680	107.09	ng		0.00
23) Nitrobenzene-d5	7.25	82	1772908	114.72	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	306535	94.10	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	2457443	96.17	ng		0.00
78) Terphenyl-d14	12.77	244	2401546	111.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	421960	57.738	ng		89
3) Pyridine	2.98	79	1154860	57.161	ng	#	85
4) n-Nitrosodimethylamine	2.96	42	574916	73.955	ng		88
6) Aniline	6.34	93	1182559	47.279	ng	#	9
8) 2-Chlorophenol	6.46	128	850163	61.517	ng		97
9) Benzaldehyde	6.22	77	626290	55.533	ng		93
10) Phenol	6.34	94	1099015	52.777	ng	#	71
11) bis(2-Chloroethyl)ether	6.42	93	874185	55.620	ng		93
12) 1,3-Dichlorobenzene	6.61	146	851913	57.309	ng	#	95
13) 1,4-Dichlorobenzene	6.69	146	864156	57.158	ng	#	95
14) 1,2-Dichlorobenzene	6.84	146	768486	55.126	ng		99
15) Benzyl Alcohol	6.83	79	612806	45.970	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1353996	64.028	ng		89
17) 2-Methylphenol	6.95	107	686147	56.340	ng	#	90
18) Hexachloroethane	7.18	117	338323	57.077	ng	#	85
19) n-Nitroso-di-n-propylamine	7.10	70	586825	48.146	ng		99
20) 3+4-Methylphenols	7.10	107	818194	55.005	ng	#	88
22) Acetophenone	7.09	105	1222538	55.123	ng	#	96
24) Nitrobenzene	7.26	77	992850	57.700	ng		99
25) Isophorone	7.51	82	1782357	55.466	ng		99
26) 2-Nitrophenol	7.57	139	449558	78.257	ng	#	72
27) 2,4-Dimethylphenol	7.62	122	761917	56.852	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1072504	50.766	ng		99
29) 2,4-Dichlorophenol	7.82	162	645588	58.031	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	681531	55.263	ng		100
31) Naphthalene	7.98	128	2297322	52.710	ng		99
32) Benzoic acid	7.80	122	538654	60.561	ng		94
33) 4-Chloroaniline	8.03	127	953397	51.868	ng		99
34) Hexachlorobutadiene	8.09	225	347948	48.322	ng		98
35) Caprolactam	8.43	113	228401	60.392	ng	#	63
36) 4-Chloro-3-methylphenol	8.53	107	790797	55.326	ng	#	83
37) 2-Methylnaphthalene	8.67	142	1409263	52.740	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	663032	57.545	ng		99
40) Hexachlorocyclopentadiene	8.82	237	192480	34.773	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	419206	54.192	ng		92
43) 2,4,5-Trichlorophenol	9.00	196	432528	56.361	ng		98
45) 1,1'-Biphenyl	9.13	154	1843493	53.847	ng		98
46) 2-Chloronaphthalene	9.16	162	1350173	53.375	ng	#	92
47) 2-Nitroaniline	9.26	65	564167	66.527	ng		96
48) Acenaphthylene	9.57	152	1961334	49.374	ng		99
49) Dimethylphthalate	9.44	163	1662432	60.577	ng		100
50) 2,6-Dinitrotoluene	9.50	165	362901	66.248	ng	#	58
51) Acenaphthene	9.74	154	1255167	50.100	ng		99
52) 3-Nitroaniline	9.67	138	427915	60.547	ng		94
53) 2,4-Dinitrophenol	9.79	184	165036	82.741	ng	#	75
54) Dibenzofuran	9.91	168	1605887	47.827	ng		97
55) 4-Nitrophenol	9.85	139	264542	46.922	ng	#	40
56) 2,4-Dinitrotoluene	9.91	165	421453	61.306	ng	#	50
57) Fluorene	10.26	166	1323488	50.982	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	300590	50.591	ng		97
59) Diethylphthalate	10.13	149	1542307	53.742	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	616611	51.127	ng		90
61) 4-Nitroaniline	10.29	138	433406	64.522	ng		79
62) Azobenzene	10.41	77	1634514	47.948	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	259825	91.862	ng		91
65) n-Nitrosodiphenylamine	10.37	169	1251225	53.656	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	371798	52.284	ng		99
67) Hexachlorobenzene	10.80	284	380121	52.444	ng	#	79
68) Atrazine	10.90	200	388242	62.779	ng		95
69) Pentachlorophenol	11.00	266	170643	40.379	ng		97
70) Phenanthrene	11.21	178	2010948	55.108	ng		99
71) Anthracene	11.26	178	2043965	55.225	ng		100
72) Carbazole	11.42	167	1930494	54.950	ng		100
73) Di-n-butylphthalate	11.75	149	2304286	56.943	ng		100
74) Fluoranthene	12.40	202	2007851	52.716	ng		99
76) Benzidine	12.52	184	1149447	77.978	ng		99
77) Pyrene	12.62	202	2108214	57.335	ng		100
79) Butylbenzylphthalate	13.24	149	950591	67.429	ng	#	80
80) Benzo(a)anthracene	13.81	228	1494425	55.462	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	589544	64.840	ng		98
82) Chrysene	13.84	228	1501432	56.015	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	1091651	69.880	ng		99
84) Di-n-octyl phthalate	14.41	149	1906087	70.125	ng		96
85) Indeno(1,2,3-cd)pyrene	16.56	276	1034163	52.448	ng		99
87) Benzo(b)fluoranthene	14.82	252	1349552	61.488	ng		97
88) Benzo(k)fluoranthene	14.85	252	1132209	54.907	ng		97
89) Benzo(a)pyrene	15.16	252	1134899	58.409	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	838760	53.024	ng		96
91) Benzo(g,h,i)perylene	16.97	276	868029	52.591	ng		98

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

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