Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109211.D
Acq On : 22 Sep 2018 10:35
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Sep 22 11:08:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109190	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	423138	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	202290	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	397053	20.00	ng		0.00
75) Chrysene-d12	13.84	240	296229	20.00	ng		0.00
86) Perylene-d12	15.23	264	296343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	517141	78.66	ng		0.00
7) Phenol-d6	6.35	99	658324	77.66	ng		0.00
23) Nitrobenzene-d5	7.27	82	592463	78.53	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	162270	73.91	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1067072	82.64	ng		0.00
78) Terphenyl-d14	12.80	244	950117	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	121100	38.697	ng		94
3) Pyridine	3.06	79	330060	39.786	ng		92
4) n-Nitrosodimethylamine	3.00	42	135141	43.133	ng	#	97
6) Aniline	6.37	93	426867	38.958	ng		100
8) 2-Chlorophenol	6.49	128	288386	39.198	ng		98
9) Benzaldehyde	6.25	77	209365	38.670	ng		98
10) Phenol	6.36	94	371880	38.988	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	289746	38.612	ng		98
12) 1,3-Dichlorobenzene	6.65	146	332228	39.486	ng		99
13) 1,4-Dichlorobenzene	6.73	146	333141	39.468	ng		97
14) 1,2-Dichlorobenzene	6.88	146	308077	39.370	ng		98
15) Benzyl Alcohol	6.85	79	256456	39.849	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	412051	38.324	ng		95
17) 2-Methylphenol	6.97	107	230127	38.340	ng		97
18) Hexachloroethane	7.22	117	118127	38.533	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	213152	38.040	ng		98
20) 3+4-Methylphenols	7.12	107	275724	38.141	ng	#	60
22) Acetophenone	7.12	105	380603	39.607	ng	#	91
24) Nitrobenzene	7.29	77	308395	39.649	ng		99
25) Isophorone	7.53	82	513675	39.611	ng		97
26) 2-Nitrophenol	7.60	139	126255	34.762	ng		93
27) 2,4-Dimethylphenol	7.65	122	227719	39.971	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	335777	38.477	ng		99
29) 2,4-Dichlorophenol	7.85	162	240741	39.654	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	260674	39.721	ng		97
31) Naphthalene	8.01	128	783902	39.915	ng		99
32) Benzoic acid	7.77	122	143850	38.642	ng		94
33) 4-Chloroaniline	8.06	127	340267	38.967	ng		98
34) Hexachlorobutadiene	8.14	225	158547	39.573	ng		99
35) Caprolactam	8.43	113	77245	39.026	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	251284	39.318	ng		99
37) 2-Methylnaphthalene	8.70	142	500142	39.067	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	255319	40.101	ng		98
40) Hexachlorocyclopentadiene	8.86	237	116944	36.455	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	169769	39.670	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	180541	40.371	ng		97
45) 1,1'-Biphenyl	9.17	154	654580	40.446	ng		97
46) 2-Chloronaphthalene	9.19	162	514483	39.694	ng		99
47) 2-Nitroaniline	9.28	65	155060	38.915	ng		92
48) Acenaphthylene	9.60	152	788022	40.325	ng		100
49) Dimethylphthalate	9.47	163	578082	39.982	ng		99
50) 2,6-Dinitrotoluene	9.52	165	125427	39.118	ng		87
51) Acenaphthene	9.77	154	475407	39.069	ng		98
52) 3-Nitroaniline	9.69	138	143551	38.021	ng		97
53) 2,4-Dinitrophenol	9.79	184	35014	28.335	ng	#	19
54) Dibenzofuran	9.95	168	697246	39.652	ng		98
55) 4-Nitrophenol	9.85	139	103950	37.368	ng		90
56) 2,4-Dinitrotoluene	9.93	165	153765	36.669	ng	#	99
57) Fluorene	10.29	166	488546	41.691	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	141691	38.264	ng		92
59) Diethylphthalate	10.16	149	593232	40.631	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	253788	40.446	ng		94
61) 4-Nitroaniline	10.30	138	139129	38.786	ng		97
62) Azobenzene	10.44	77	611346	40.905	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	59347	31.240	ng		96
65) n-Nitrosodiphenylamine	10.40	169	514149	39.587	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	173137	38.679	ng		94
67) Hexachlorobenzene	10.83	284	182173	38.048	ng		93
68) Atrazine	10.93	200	160680	38.647	ng		94
69) Pentachlorophenol	11.02	266	116295	37.964	ng		96
70) Phenanthrene	11.24	178	770030	39.563	ng		99
71) Anthracene	11.29	178	789246	40.002	ng		100
72) Carbazole	11.45	167	777911	39.829	ng		100
73) Di-n-butylphthalate	11.79	149	911805	39.882	ng		99
74) Fluoranthene	12.42	202	826630	40.230	ng		96
76) Benzidine	12.54	184	445522	42.487	ng		99
77) Pyrene	12.65	202	856845	38.941	ng		100
79) Butylbenzylphthalate	13.27	149	373730	38.028	ng		98
80) Benzo(a)anthracene	13.83	228	714406	39.834	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	283912	39.230	ng	#	97
82) Chrysene	13.87	228	714693	39.830	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	468143	39.341	ng		100
84) Di-n-octyl phthalate	14.44	149	824367	40.848	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	547736	38.181	ng	#	94
87) Benzo(b)fluoranthene	14.84	252	652347	39.791	ng		97
88) Benzo(k)fluoranthene	14.87	252	608749	39.755	ng	#	96
89) Benzo(a)pyrene	15.18	252	581723	39.955	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	455832	37.266	ng	#	95
91) Benzo(g,h,i)perylene	16.99	276	437559	35.780	ng	#	90

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

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