Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108927.D
Acq On : 11 Sep 2018 11:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 11 12:11:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167774	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	673650	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	322340	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	622197	20.00	ng		0.00
75) Chrysene-d12	13.88	240	426292	20.00	ng		0.01
86) Perylene-d12	15.28	264	380618	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	822442	81.21	ng		0.01
7) Phenol-d6	6.38	99	1055226	80.98	ng		0.01
23) Nitrobenzene-d5	7.30	82	958436	89.04	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	269382	87.54	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1621422	85.81	ng		0.00
78) Terphenyl-d14	12.83	244	1394365	76.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	196351	40.343	ng		93
3) Pyridine	3.13	79	548120	41.123	ng		90
4) n-Nitrosodimethylamine	3.06	42	200214	39.109	ng		89
6) Aniline	6.40	93	688360	39.278	ng		97
8) 2-Chlorophenol	6.52	128	461632	41.182	ng		98
9) Benzaldehyde	6.28	77	366811	39.681	ng		99
10) Phenol	6.39	94	596085	39.940	ng		85
11) bis(2-Chloroethyl)ether	6.48	93	466075	38.984	ng		96
12) 1,3-Dichlorobenzene	6.68	146	518234	40.513	ng		99
13) 1,4-Dichlorobenzene	6.76	146	524266	40.983	ng		97
14) 1,2-Dichlorobenzene	6.91	146	482807	40.947	ng		99
15) Benzyl Alcohol	6.88	79	411052	41.106	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	684280	38.289	ng		96
17) 2-Methylphenol	7.00	107	376465	39.740	ng		98
18) Hexachloroethane	7.25	117	189819	41.153	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	334439	36.924	ng		97
20) 3+4-Methylphenols	7.15	107	436190	39.307	ng	#	62
22) Acetophenone	7.15	105	584833	38.253	ng	#	91
24) Nitrobenzene	7.32	77	498374	43.150	ng		97
25) Isophorone	7.57	82	804461	37.466	ng		99
26) 2-Nitrophenol	7.64	139	231178	50.805	ng		99
27) 2,4-Dimethylphenol	7.68	122	360256	38.987	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	549816	38.300	ng		99
29) 2,4-Dichlorophenol	7.88	162	388228	40.746	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	413347	40.030	ng		98
31) Naphthalene	8.04	128	1219969	40.253	ng		99
32) Benzoic acid	7.80	122	188723	33.756	ng		99
33) 4-Chloroaniline	8.09	127	551028	39.587	ng		100
34) Hexachlorobutadiene	8.17	225	246979	40.038	ng		98
35) Caprolactam	8.47	113	127000	39.336	ng	#	81
36) 4-Chloro-3-methylphenol	8.57	107	396746	39.088	ng		98
37) 2-Methylnaphthalene	8.74	142	780103	38.961	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	399132	41.422	ng		98
40) Hexachlorocyclopentadiene	8.90	237	211077	43.543	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	276810	42.177 ng		99
43) 2,4,5-Trichlorophenol	9.05	196	291132	42.794 ng		98
45) 1,1'-Biphenyl	9.20	154	1011205	40.748 ng		99
46) 2-Chloronaphthalene	9.22	162	814423	40.580 ng		99
47) 2-Nitroaniline	9.31	65	256371	46.759 ng		98
48) Acenaphthylene	9.64	152	1216702	40.671 ng		99
49) Dimethylphthalate	9.50	163	891105	39.525 ng		99
50) 2,6-Dinitrotoluene	9.55	165	204026	47.492 ng		96
51) Acenaphthene	9.81	154	747198	40.362 ng		100
52) 3-Nitroaniline	9.72	138	244818	47.873 ng		92
53) 2,4-Dinitrophenol	9.82	184	67721	47.223 ng	#	20
54) Dibenzofuran	9.98	168	1076477	39.892 ng		98
55) 4-Nitrophenol	9.88	139	179580	46.973 ng		95
56) 2,4-Dinitrotoluene	9.96	165	266226	48.458 ng	#	91
57) Fluorene	10.32	166	747087	43.141 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	234449	42.734 ng	#	87
59) Diethylphthalate	10.20	149	897704	38.584 ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	395087	42.719 ng		94
61) 4-Nitroaniline	10.33	138	225085	48.586 ng		97
62) Azobenzene	10.47	77	941440	39.201 ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	107742	44.601 ng		88
65) n-Nitrosodiphenylamine	10.43	169	794895	38.425 ng		96
66) 4-Bromophenyl-phenylether	10.80	248	270681	38.518 ng	#	85
67) Hexachlorobenzene	10.87	284	295727	39.421 ng	#	87
68) Atrazine	10.96	200	259487	39.183 ng		96
69) Pentachlorophenol	11.06	266	193945	42.287 ng		99
70) Phenanthrene	11.28	178	1172196	39.451 ng		99
71) Anthracene	11.32	178	1196765	42.068 ng		99
72) Carbazole	11.48	167	1199680	40.043 ng		100
73) Di-n-butylphthalate	11.82	149	1367437	41.101 ng		100
74) Fluoranthene	12.46	202	1226330	41.686 ng		96
76) Benzidine	12.57	184	704497	34.868 ng		99
77) Pyrene	12.68	202	1282300	39.092 ng		99
79) Butylbenzylphthalate	13.31	149	565000	38.248 ng		97
80) Benzo(a)anthracene	13.87	228	997128	36.493 ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	408994	38.419 ng		97
82) Chrysene	13.91	228	1004549	37.977 ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	674485	36.333 ng		99
84) Di-n-octyl phthalate	14.48	149	1132137	36.580 ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	817466	34.920 ng		95
87) Benzo(b)fluoranthene	14.88	252	881342	42.585 ng		99
88) Benzo(k)fluoranthene	14.91	252	740127	38.833 ng		98
89) Benzo(a)pyrene	15.22	252	748836	40.099 ng		99
90) Dibenzo(a,h)anthracene	16.67	278	677179	41.153 ng		97
91) Benzo(g,h,i)perylene	17.06	276	700491	42.517 ng		94

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

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