Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108782.D
Acq On : 5 Sep 2018 18:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 05:23:37 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	6.73	152	251917	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	1000627	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	459931	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	858524	20.00	ng		0.00
75) Chrysene-d12	13.86	240	511696	20.00	ng		0.00
86) Perylene-d12	15.26	264	494840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1219056	80.17	ng		0.00
7) Phenol-d6	6.37	99	1519875	77.68	ng		0.00
23) Nitrobenzene-d5	7.30	82	1340923	83.86	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	363531	82.80	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2244552	83.26	ng		0.00
78) Terphenyl-d14	12.82	244	1756858	80.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	298016	40.780	ng		93
3) Pyridine	3.11	79	826809	41.312	ng		91
4) n-Nitrosodimethylamine	3.04	42	309520	40.266	ng		92
6) Aniline	6.40	93	1021542	38.820	ng		98
8) 2-Chlorophenol	6.52	128	674728	40.087	ng		95
9) Benzaldehyde	6.28	77	549832	39.613	ng		98
10) Phenol	6.38	94	891297	39.773	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	689545	38.411	ng		96
12) 1,3-Dichlorobenzene	6.67	146	751287	39.115	ng		97
13) 1,4-Dichlorobenzene	6.75	146	767587	39.962	ng		99
14) 1,2-Dichlorobenzene	6.91	146	704820	39.810	ng		98
15) Benzyl Alcohol	6.87	79	597810	39.814	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1031561	38.442	ng		96
17) 2-Methylphenol	6.98	107	553271	38.897	ng		98
18) Hexachloroethane	7.25	117	277045	40.002	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	501956	36.909	ng		97
20) 3+4-Methylphenols	7.14	107	637006	38.230	ng	#	57
22) Acetophenone	7.14	105	853189	37.570	ng	#	91
24) Nitrobenzene	7.31	77	712182	41.512	ng		99
25) Isophorone	7.55	82	1176843	36.899	ng		97
26) 2-Nitrophenol	7.63	139	295396	43.704	ng		98
27) 2,4-Dimethylphenol	7.67	122	534060	38.910	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	806238	37.810	ng		99
29) 2,4-Dichlorophenol	7.87	162	556935	39.352	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	599271	39.072	ng		97
31) Naphthalene	8.04	128	1766497	39.239	ng		98
32) Benzoic acid	7.78	122	355908	40.973	ng		95
33) 4-Chloroaniline	8.08	127	789124	38.167	ng		99
34) Hexachlorobutadiene	8.17	225	355725	38.823	ng		99
35) Caprolactam	8.45	113	179061	37.338	ng		93
36) 4-Chloro-3-methylphenol	8.56	107	570604	37.847	ng		99
37) 2-Methylnaphthalene	8.72	142	1132957	38.094	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	556047	40.444	ng		99
40) Hexachlorocyclopentadiene	8.89	237	292780	42.330	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	388213	41.455	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	400752	41.285	ng		97
45) 1,1'-Biphenyl	9.19	154	1440371	40.679	ng		98
46) 2-Chloronaphthalene	9.21	162	1160073	40.510	ng		100
47) 2-Nitroaniline	9.30	65	342262	43.750	ng		94
48) Acenaphthylene	9.62	152	1726525	40.448	ng		98
49) Dimethylphthalate	9.50	163	1255324	39.023	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	277411	45.256	ng		96
51) Acenaphthene	9.80	154	1049858	39.746	ng		99
52) 3-Nitroaniline	9.71	138	331315	45.406	ng		100
53) 2,4-Dinitrophenol	9.81	184	75697	39.008	ng	#	18
54) Dibenzofuran	9.97	168	1537822	39.940	ng		99
55) 4-Nitrophenol	9.86	139	245166	44.944	ng		93
56) 2,4-Dinitrotoluene	9.94	165	341527	43.567	ng		92
57) Fluorene	10.31	166	1019806	41.273	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	321565	41.078	ng		90
59) Diethylphthalate	10.19	149	1274127	38.380	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	543865	41.213	ng		93
61) 4-Nitroaniline	10.32	138	288426	43.633	ng		97
62) Azobenzene	10.47	77	1333882	38.926	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	127222	39.159	ng		99
65) n-Nitrosodiphenylamine	10.42	169	1108964	38.851	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	382521	39.449	ng		91
67) Hexachlorobenzene	10.86	284	397482	38.400	ng	#	87
68) Atrazine	10.95	200	342451	37.476	ng		97
69) Pentachlorophenol	11.04	266	271039	42.829	ng		98
70) Phenanthrene	11.27	178	1598593	38.992	ng		99
71) Anthracene	11.31	178	1620269	41.277	ng		98
72) Carbazole	11.47	167	1583233	38.298	ng		98
73) Di-n-butylphthalate	11.81	149	1824523	39.744	ng		99
74) Fluoranthene	12.44	202	1592261	39.226	ng		98
76) Benzidine	12.57	184	957895	39.497	ng		98
77) Pyrene	12.67	202	1644067	41.755	ng		99
79) Butylbenzylphthalate	13.30	149	659017	37.167	ng		95
80) Benzo(a)anthracene	13.85	228	1259124	38.390	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	466645	36.519	ng	#	95
82) Chrysene	13.89	228	1207332	38.025	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	803562	36.062	ng		99
84) Di-n-octyl phthalate	14.47	149	1244009	33.486	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	1165798	41.489	ng		96
87) Benzo(b)fluoranthene	14.87	252	1015941	37.757	ng		98
88) Benzo(k)fluoranthene	14.90	252	1014958	40.961	ng		98
89) Benzo(a)pyrene	15.20	252	953325	39.266	ng		97
90) Dibenzo(a,h)anthracene	16.63	278	964243	45.072	ng		97
91) Benzo(g,h,i)perylene	17.02	276	1003408	46.844	ng		96

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

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