Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108013.D
Acq On : 8 Aug 2018 12:19
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF080818

Quant Time: Aug 08 12:41:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	269240	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1071649	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	574278	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1146578	20.00	ng		0.00
75) Chrysene-d12	14.22	240	918939	20.00	ng		0.00
86) Perylene-d12	15.78	264	785760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1189573	79.99	ng		0.00
7) Phenol-d6	6.63	99	1592403	80.58	ng		0.00
23) Nitrobenzene-d5	7.58	82	1573561	81.94	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	487292	85.07	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2771216	77.47	ng		0.00
78) Terphenyl-d14	13.15	244	2800370	77.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	301372	39.439	ng	#	87
3) Pyridine	3.68	79	795513	40.413	ng	#	83
4) n-Nitrosodimethylamine	3.65	42	449922	40.620	ng		79
6) Aniline	6.68	93	1066530	39.676	ng		94
8) 2-Chlorophenol	6.80	128	669830	39.992	ng		95
9) Benzaldehyde	6.57	77	614232	40.089	ng		97
10) Phenol	6.64	94	818150	40.024	ng		86
11) bis(2-Chloroethyl)ether	6.75	93	664246	40.194	ng		92
12) 1,3-Dichlorobenzene	6.96	146	777771	40.161	ng		99
13) 1,4-Dichlorobenzene	7.04	146	781308	40.154	ng		97
14) 1,2-Dichlorobenzene	7.19	146	725948	40.110	ng		97
15) Benzyl Alcohol	7.15	79	695668	41.815	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1359314	39.927	ng		95
17) 2-Methylphenol	7.25	107	586278	40.817	ng		96
18) Hexachloroethane	7.53	117	282474	40.777	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	545638	40.830	ng	#	85
20) 3+4-Methylphenols	7.41	107	753754	40.951	ng		94
22) Acetophenone	7.42	105	1012083	40.390	ng	#	91
24) Nitrobenzene	7.60	77	799366	41.162	ng		96
25) Isophorone	7.84	82	1469549	40.146	ng		98
26) 2-Nitrophenol	7.91	139	314000	42.815	ng	#	88
27) 2,4-Dimethylphenol	7.94	122	659572	40.598	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	854177	39.973	ng		99
29) 2,4-Dichlorophenol	8.15	162	618574	41.374	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	658400	39.942	ng		98
31) Naphthalene	8.32	128	1955033	40.115	ng		97
32) Benzoic acid	8.05	122	382348	41.483	ng		90
33) 4-Chloroaniline	8.37	127	849214	39.984	ng		95
34) Hexachlorobutadiene	8.44	225	418108	40.067	ng		99
35) Caprolactam	8.74	113	201669	43.043	ng	#	73
36) 4-Chloro-3-methylphenol	8.84	107	667796	41.404	ng		98
37) 2-Methylnaphthalene	9.01	142	1394452	40.441	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	699879	39.686	ng		98
40) Hexachlorocyclopentadiene	9.17	237	475224	41.719	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	457424	41.798	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	512070	42.506	ng		97
45) 1,1'-Biphenyl	9.48	154	1663684	39.292	ng		97
46) 2-Chloronaphthalene	9.51	162	1338231	39.989	ng		98
47) 2-Nitroaniline	9.60	65	465763	43.014	ng		86
48) Acenaphthylene	9.93	152	2090802	39.519	ng		96
49) Dimethylphthalate	9.78	163	1597887	39.944	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	356629	42.611	ng	#	88
51) Acenaphthene	10.10	154	1301202	40.155	ng		97
52) 3-Nitroaniline	10.01	138	384889	42.031	ng		89
53) 2,4-Dinitrophenol	10.11	184	115910	40.779	ng	#	41
54) Dibenzofuran	10.27	168	1844110	39.281	ng		92
55) 4-Nitrophenol	10.15	139	288481	41.602	ng	#	73
56) 2,4-Dinitrotoluene	10.25	165	469514	43.582	ng	#	97
57) Fluorene	10.62	166	1463368	39.376	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	437577	43.457	ng	#	87
59) Diethylphthalate	10.48	149	1548865	39.985	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	761890	39.343	ng		91
61) 4-Nitroaniline	10.64	138	383400	42.348	ng		92
62) Azobenzene	10.77	77	1594578	39.860	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	173219	41.106	ng		90
65) n-Nitrosodiphenylamine	10.72	169	1368526	40.390	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	507999	40.770	ng	#	85
67) Hexachlorobenzene	11.17	284	532813	40.641	ng	#	89
68) Atrazine	11.25	200	449651	39.567	ng		97
69) Pentachlorophenol	11.35	266	269239	42.906	ng		98
70) Phenanthrene	11.59	178	2143191	39.630	ng		96
71) Anthracene	11.64	178	2198948	39.672	ng		96
72) Carbazole	11.79	167	1956990	39.739	ng		98
73) Di-n-butylphthalate	12.11	149	2244615	40.240	ng	#	97
74) Fluoranthene	12.78	202	2343455	39.705	ng		94
76) Benzidine	12.90	184	1439602	41.930	ng	#	93
77) Pyrene	13.01	202	2323881	39.944	ng		95
79) Butylbenzylphthalate	13.62	149	985433	42.656	ng	#	97
80) Benzo(a)anthracene	14.21	228	2111656	40.041	ng		96
81) 3,3'-Dichlorobenzidine	14.17	252	806662	42.681	ng	#	96
82) Chrysene	14.25	228	1938261	40.089	ng		96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1318438	42.144	ng	#	96
84) Di-n-octyl phthalate	14.81	149	2089253	43.790	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.40	276	1681583	40.140	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1882326	40.090	ng		96
88) Benzo(k)fluoranthene	15.34	252	1752451	40.603	ng	#	96
89) Benzo(a)pyrene	15.71	252	1685938	40.099	ng		96
90) Dibenzo(a,h)anthracene	17.42	278	1411218	40.566	ng	#	93
91) Benzo(g,h,i)perylene	17.89	276	1364287	39.827	ng	#	92

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

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