Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108369.D
Acq On : 22 Aug 2018 5:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 22 06:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	150541	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	560895	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	254277	20.00	ng		-0.01
63) Phenanthrene-d10	11.55	188	415245	20.00	ng		-0.01
75) Chrysene-d12	14.20	240	332015	20.00	ng		-0.02
86) Perylene-d12	15.76	264	284455	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	684591	82.33	ng		0.00
7) Phenol-d6	6.63	99	892446	80.77	ng		0.00
23) Nitrobenzene-d5	7.57	82	846361	84.20	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	198073	78.09	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	1477677	93.30	ng		-0.01
78) Terphenyl-d14	13.13	244	1077919	82.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	164479	38.496	ng		91
3) Pyridine	3.66	79	424659	38.584	ng		87
4) n-Nitrosodimethylamine	3.63	42	221322	35.737	ng		87
6) Aniline	6.67	93	600462	39.951	ng		97
8) 2-Chlorophenol	6.80	128	381844	40.773	ng		99
9) Benzaldehyde	6.56	77	329507	38.463	ng		95
10) Phenol	6.64	94	456662	39.954	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	372849	40.350	ng		91
12) 1,3-Dichlorobenzene	6.95	146	440934	40.720	ng		98
13) 1,4-Dichlorobenzene	7.02	146	442399	40.663	ng		98
14) 1,2-Dichlorobenzene	7.18	146	408727	40.389	ng		99
15) Benzyl Alcohol	7.14	79	357975	38.483	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	711452	37.374	ng		97
17) 2-Methylphenol	7.25	107	317924	39.587	ng		95
18) Hexachloroethane	7.52	117	142205	36.714	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	283397	37.927	ng		90
20) 3+4-Methylphenols	7.40	107	401173	38.981	ng		95
22) Acetophenone	7.41	105	532788	40.624	ng	#	92
24) Nitrobenzene	7.59	77	423341	41.650	ng		94
25) Isophorone	7.82	82	763153	39.833	ng		96
26) 2-Nitrophenol	7.91	139	173182	45.117	ng		96
27) 2,4-Dimethylphenol	7.93	122	347947	40.919	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	456480	40.814	ng		99
29) 2,4-Dichlorophenol	8.14	162	323555	41.348	ng		98
30) 1,2,4-Trichlorobenzene	8.23	180	347309	40.256	ng		95
31) Naphthalene	8.31	128	1062502	41.653	ng		99
32) Benzoic acid	8.04	122	101399	23.966	ng		90
33) 4-Chloroaniline	8.36	127	448529	40.348	ng		99
34) Hexachlorobutadiene	8.42	225	230795	42.257	ng		98
35) Caprolactam	8.74	113	94170	38.402	ng		87
36) 4-Chloro-3-methylphenol	8.83	107	330433	39.143	ng		96
37) 2-Methylnaphthalene	9.01	142	709132	39.293	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	355800	45.565	ng	#	97
40) Hexachlorocyclopentadiene	9.15	237	29740	5.897	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	225494	46.536	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	237614	44.546	ng		96
45) 1,1'-Biphenyl	9.47	154	846061	45.128	ng		99
46) 2-Chloronaphthalene	9.50	162	649421	43.828	ng		99
47) 2-Nitroaniline	9.59	65	215268	44.900	ng		84
48) Acenaphthylene	9.92	152	989206	42.228	ng		99
49) Dimethylphthalate	9.77	163	781557	44.125	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	159228	42.967	ng		91
51) Acenaphthene	10.09	154	581614	40.536	ng		99
52) 3-Nitroaniline	10.01	138	172395	42.518	ng		98
53) 2,4-Dinitrophenol	10.11	184	16387	17.800	ng	#	20
54) Dibenzofuran	10.26	168	850749	40.927	ng		98
55) 4-Nitrophenol	10.15	139	106199	34.588	ng		85
56) 2,4-Dinitrotoluene	10.24	165	194783	40.834	ng	#	95
57) Fluorene	10.60	166	653161	39.693	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	181135	40.628	ng	#	86
59) Diethylphthalate	10.46	149	741706	43.244	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	351935	41.045	ng		92
61) 4-Nitroaniline	10.62	138	158703	39.590	ng		93
62) Azobenzene	10.75	77	696976	39.348	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	28523	21.612	ng		82
65) n-Nitrosodiphenylamine	10.71	169	603441	49.177	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	213589	47.332	ng	#	85
67) Hexachlorobenzene	11.15	284	204780	43.130	ng	#	86
68) Atrazine	11.23	200	189744	46.102	ng		98
69) Pentachlorophenol	11.35	266	79705	35.072	ng		99
70) Phenanthrene	11.57	178	824293	42.087	ng		100
71) Anthracene	11.62	178	857242	42.704	ng		100
72) Carbazole	11.78	167	721067	40.430	ng		99
73) Di-n-butylphthalate	12.09	149	995366	49.272	ng		99
74) Fluoranthene	12.77	202	828149	38.743	ng		96
76) Benzidine	12.88	184	487594	39.307	ng		99
77) Pyrene	13.00	202	821410	39.078	ng		100
79) Butylbenzylphthalate	13.60	149	359058	43.018	ng	#	96
80) Benzo(a)anthracene	14.19	228	787565	41.333	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	308140	45.125	ng	#	96
82) Chrysene	14.23	228	743241	42.547	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	491578	43.491	ng		100
84) Di-n-octyl phthalate	14.78	149	872358	50.606	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	540639	35.719	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	736297	43.318	ng		97
88) Benzo(k)fluoranthene	15.32	252	650183	41.612	ng	#	94
89) Benzo(a)pyrene	15.69	252	626833	41.183	ng		96
90) Dibenzo(a,h)anthracene	17.39	278	465871	36.993	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	425406	34.305	ng	#	90

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

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