Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108574.D
Acq On : 28 Aug 2018 23:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 29 00:50:39 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	110555	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	434955	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	197343	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	320964	20.00	ng		0.00
75) Chrysene-d12	14.20	240	289280	20.00	ng		0.00
86) Perylene-d12	15.75	264	234828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	519622	85.09	ng		0.00
7) Phenol-d6	6.64	99	677602	83.50	ng		0.00
23) Nitrobenzene-d5	7.57	82	653641	83.86	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	153759	78.11	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1200051	97.63	ng		0.00
78) Terphenyl-d14	13.12	244	891515	78.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	113235	36.088	ng		90
3) Pyridine	3.65	79	272213	33.678	ng		87
4) n-Nitrosodimethylamine	3.61	42	150612	33.115	ng		83
6) Aniline	6.67	93	433303	39.256	ng	#	88
8) 2-Chlorophenol	6.80	128	290256	42.203	ng		98
9) Benzaldehyde	6.56	77	239246	38.027	ng		95
10) Phenol	6.65	94	364790	43.460	ng		86
11) bis(2-Chloroethyl)ether	6.74	93	265109	39.067	ng		94
12) 1,3-Dichlorobenzene	6.94	146	330254	41.530	ng		98
13) 1,4-Dichlorobenzene	7.02	146	345395	43.230	ng		98
14) 1,2-Dichlorobenzene	7.17	146	316818	42.630	ng		98
15) Benzyl Alcohol	7.14	79	267899	39.216	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	506588	36.238	ng		81
17) 2-Methylphenol	7.25	107	241675	40.976	ng	#	89
18) Hexachloroethane	7.51	117	112227	39.454	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	216879	39.523	ng		91
20) 3+4-Methylphenols	7.41	107	314095	41.558	ng	#	59
22) Acetophenone	7.41	105	420537	41.349	ng	#	91
24) Nitrobenzene	7.59	77	319455	40.529	ng		97
25) Isophorone	7.82	82	570791	38.419	ng		97
26) 2-Nitrophenol	7.90	139	140266	47.122	ng		89
27) 2,4-Dimethylphenol	7.93	122	252544	38.299	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	352670	40.662	ng		99
29) 2,4-Dichlorophenol	8.14	162	252359	41.587	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	273653	40.902	ng		97
31) Naphthalene	8.31	128	823916	41.652	ng		99
32) Benzoic acid	8.05	122	106866	30.427	ng		98
33) 4-Chloroaniline	8.36	127	350280	40.634	ng		99
34) Hexachlorobutadiene	8.41	225	175725	41.490	ng		98
35) Caprolactam	8.73	113	69526	36.561	ng	#	77
36) 4-Chloro-3-methylphenol	8.84	107	255558	39.039	ng		98
37) 2-Methylnaphthalene	9.00	142	563760	40.282	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	282620	46.635	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	33694	8.608	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	173117	46.034	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	180147	43.516	ng	#	94
45) 1,1'-Biphenyl	9.46	154	673180	46.266	ng		98
46) 2-Chloronaphthalene	9.49	162	508148	44.187	ng		96
47) 2-Nitroaniline	9.59	65	165891	44.583	ng		91
48) Acenaphthylene	9.91	152	789036	43.400	ng		100
49) Dimethylphthalate	9.76	163	612477	44.555	ng		99
50) 2,6-Dinitrotoluene	9.83	165	126770	44.078	ng		98
51) Acenaphthene	10.08	154	449954	40.407	ng		100
52) 3-Nitroaniline	10.01	138	128833	40.941	ng		97
53) 2,4-Dinitrophenol	10.11	184	5709	11.859	ng	#	39
54) Dibenzofuran	10.25	168	669809	41.519	ng		97
55) 4-Nitrophenol	10.17	139	72701	30.510	ng		88
56) 2,4-Dinitrotoluene	10.24	165	151982	41.054	ng	#	99
57) Fluorene	10.59	166	522230	40.892	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	133007	38.440	ng	#	86
59) Diethylphthalate	10.45	149	567643	42.644	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	273799	41.144	ng		91
61) 4-Nitroaniline	10.62	138	118201	37.993	ng		95
62) Azobenzene	10.74	77	527882	38.400	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	14314	15.911	ng		81
65) n-Nitrosodiphenylamine	10.70	169	460057	48.505	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	163649	46.917	ng	#	84
67) Hexachlorobenzene	11.15	284	161679	44.055	ng	#	85
68) Atrazine	11.22	200	141727	44.551	ng		96
69) Pentachlorophenol	11.34	266	63811	36.327	ng		99
70) Phenanthrene	11.57	178	653369	43.159	ng		99
71) Anthracene	11.62	178	669016	43.118	ng		100
72) Carbazole	11.78	167	560201	40.636	ng		99
73) Di-n-butylphthalate	12.08	149	721522	46.208	ng		99
74) Fluoranthene	12.76	202	683810	41.388	ng		96
76) Benzidine	12.88	184	333234	30.832	ng		99
77) Pyrene	12.99	202	688673	37.603	ng		99
79) Butylbenzylphthalate	13.59	149	294696	40.523	ng	#	95
80) Benzo(a)anthracene	14.19	228	689509	41.532	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	260065	43.711	ng	#	97
82) Chrysene	14.22	228	637609	41.892	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	395479	40.158	ng		99
84) Di-n-octyl phthalate	14.77	149	737092	49.076	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	457554	34.695	ng	#	90
87) Benzo(b)fluoranthene	15.29	252	595415	42.433	ng	#	95
88) Benzo(k)fluoranthene	15.32	252	572834	44.410	ng	#	96
89) Benzo(a)pyrene	15.69	252	525530	41.824	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	385460	37.076	ng	#	94
91) Benzo(g,h,i)perylene	17.86	276	367297	35.878	ng	#	89

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

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