Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110504.D
Acq On : 6 Nov 2018 10:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/7/2018 2:54:15 PM

Quant Time: Nov 06 12:07:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82559	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	348677	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	163406	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	294618	20.00	ng		0.00
76) Chrysene-d12	14.14	240	197578	20.00	ng		0.00
87) Perylene-d12	15.66	264	149253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	416790	82.21	ng		0.00
7) Phenol-d6	6.58	99	517748	79.84	ng		0.00
23) Nitrobenzene-d5	7.52	82	486285	82.72	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	129396	79.94	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	911825	87.62	ng		0.00
79) Terphenyl-d14	13.07	244	869820	91.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	102554	38.609	ng		91
3) Pyridine	3.59	79	220168	37.215	ng		86
4) n-Nitrosodimethylamine	3.55	42	95172	38.397	ng	#	94
6) Aniline	6.62	93	332743	39.390	ng	#	53
8) 2-Chlorophenol	6.74	128	238288	40.768	ng		97
9) Benzaldehyde	6.51	77	143092	37.257	ng		98
10) Phenol	6.59	94	271578	39.180	ng	#	66
11) bis(2-Chloroethyl)ether	6.69	93	223250	39.148	ng		92
12) 1,3-Dichlorobenzene	6.90	146	260379	40.479	ng		96
13) 1,4-Dichlorobenzene	6.97	146	268206	41.228	ng		100
14) 1,2-Dichlorobenzene	7.13	146	249343	41.287	ng		98
15) Benzyl Alcohol	7.09	79	204923	41.088	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	363955	39.916	ng		70
17) 2-Methylphenol	7.20	107	188589	40.485	ng	#	82
18) Hexachloroethane	7.46	117	98918	41.531	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	164645	39.576	ng		95
20) 3+4-Methylphenols	7.36	107	240848	39.999	ng	#	87
22) Acetophenone	7.36	105	328751	40.919	ng	#	96
24) Nitrobenzene	7.54	77	247649	40.804	ng		97
25) Isophorone	7.77	82	386677	38.588	ng		97
26) 2-Nitrophenol	7.86	139	125357	43.404	ng		89
27) 2,4-Dimethylphenol	7.88	122	188935	39.457	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	270198	39.692	ng		99
29) 2,4-Dichlorophenol	8.09	162	196508	40.621	ng		97
30) 1,2,4-Trichlorobenzene	8.17	180	222604	41.081	ng		95
31) Naphthalene	8.26	128	646725	40.244	ng		100
32) Benzoic acid	8.01	122	133187	35.988	ng		94
33) 4-Chloroaniline	8.31	127	290486	40.164	ng		98
34) Hexachlorobutadiene	8.37	225	126161	41.932	ng		98
35) Caprolactam	8.69	113	64092	38.012	ng	#	86
36) 4-Chloro-3-methylphenol	8.79	107	208433	39.844	ng		97
37) 2-Methylnaphthalene	8.95	142	431598	40.592	ng		98
38) 1-Methylnaphthalene	9.05	142	410069	39.910	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	209854	41.218	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	87826	33.735	ng		98
43) 2,4,6-Trichlorophenol	9.23	196	131396	40.012	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	139886	40.299	ng		95
46) 1,1'-Biphenyl	9.42	154	610671	41.327	ng		99
47) 2-Chloronaphthalene	9.45	162	445437	41.095	ng		100
48) 2-Nitroaniline	9.55	65	135832	41.354	ng		89
49) Acenaphthylene	9.86	152	639902	40.874	ng		99
50) Dimethylphthalate	9.71	163	479934	39.788	ng		100
51) 2,6-Dinitrotoluene	9.78	165	109060	41.974	ng		94
52) Acenaphthene	10.03	154	395389	38.176	ng		98
53) 3-Nitroaniline	9.96	138	121913	39.456	ng		91
54) 2,4-Dinitrophenol	10.07	184	34113	36.116	ng		92
55) Dibenzofuran	10.20	168	583324	40.228	ng		97
56) 4-Nitrophenol	10.11	139	78027	34.120	ng		95
57) 2,4-Dinitrotoluene	10.19	165	140695	42.632	ng	#	86
58) Fluorene	10.55	166	441096	40.872	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	110984	39.226	ng		94
60) Diethylphthalate	10.40	149	472236	40.106	ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	232443	40.829	ng		99
62) 4-Nitroaniline	10.57	138	119177	38.780	ng		96
63) Azobenzene	10.69	77	467200	39.974	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	54756	40.680	ng		97
66) n-Nitrosodiphenylamine	10.65	169	409292	42.355	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	135149	42.290	ng		98
68) Hexachlorobenzene	11.10	284	139901	41.259	ng		95
69) Atrazine	11.17	200	123777	40.531	ng		97
70) Pentachlorophenol	11.29	266	77850	39.374	ng		96
71) Phenanthrene	11.52	178	633721	41.109	ng		100
72) Anthracene	11.57	178	645845	41.797	ng		98
73) Carbazole	11.72	167	625708	41.473	ng		100
74) Di-n-butylphthalate	12.03	149	719475	42.224	ng		99
75) Fluoranthene	12.70	202	629355	40.227	ng		99
77) Benzidine	12.82	184	246602	44.198	ng		98
78) Pyrene	12.94	202	635387	44.857	ng		97
80) Butylbenzylphthalate	13.53	149	271211	44.113	ng		99
81) Benzo(a)anthracene	14.13	228	479171	40.896	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	157613	38.631	ng		99
83) Chrysene	14.16	228	455099	40.894	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	338311	40.707	ng		95
85) Di-n-octyl phthalate	14.70	149	502677	38.898	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	357179	38.688	ng		97
88) Benzo(b)fluoranthene	15.20	252	371392	43.091	ng		99
89) Benzo(k)fluoranthene	15.23	252	335139m	39.553	ng		
90) Benzo(a)pyrene	15.59	252	324741	40.947	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	295913	43.243	ng		99
92) Benzo(g,h,i)perylene	17.70	276	292648	43.399	ng		97

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

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