Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111168.D
Acq On : 7 Dec 2018 5:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/10/2018 12:19:31 PM

Quant Time: Dec 07 14:13:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	379939	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1403088	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	535190	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	880959	20.00	ng		0.00
76) Chrysene-d12	13.96	240	633118	20.00	ng		0.01
87) Perylene-d12	15.40	264	481378	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1957234	80.39	ng		0.00
7) Phenol-d6	6.44	99	2426505	77.36	ng		0.00
23) Nitrobenzene-d5	7.37	82	2090993	88.23	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	359134	84.42	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3028446	108.76	ng		0.00
79) Terphenyl-d14	12.92	244	2662158	86.11	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	568891	40.621	ng		98
3) Pyridine	3.25	79	1258574	40.519	ng		99
4) n-Nitrosodimethylamine	3.18	42	604929	39.555	ng		98
6) Aniline	6.47	93	1563829	37.320	ng		100
8) 2-Chlorophenol	6.59	128	1095454	39.034	ng		95
9) Benzaldehyde	6.36	77	715373	43.195	ng		100
10) Phenol	6.45	94	1316861m	38.506	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1087658	38.913	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1185857	39.732	ng		98
13) 1,4-Dichlorobenzene	6.83	146	1189065	39.588	ng		97
14) 1,2-Dichlorobenzene	6.99	146	1089274	38.986	ng		98
15) Benzyl Alcohol	6.95	79	913537	36.760	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2033882	37.407	ng		99
17) 2-Methylphenol	7.06	107	860727	37.363	ng		99
18) Hexachloroethane	7.33	117	331161	29.391	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	763348	36.216	ng		92
20) 3+4-Methylphenols	7.22	107	1050654	37.394	ng		93
22) Acetophenone	7.22	105	1365864	40.283	ng	#	89
24) Nitrobenzene	7.39	77	1086591	42.617	ng		96
25) Isophorone	7.63	82	1701889	39.129	ng		98
26) 2-Nitrophenol	7.70	139	438768	40.728	ng		96
27) 2,4-Dimethylphenol	7.75	122	798574	39.360	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	1202946	40.856	ng		99
29) 2,4-Dichlorophenol	7.95	162	791404	39.622	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	829791	41.159	ng		99
31) Naphthalene	8.12	128	2581620	42.260	ng		98
32) Benzoic acid	7.83	122	468996m	35.054	ng		
33) 4-Chloroaniline	8.16	127	1143207	38.714	ng		97
34) Hexachlorobutadiene	8.24	225	464924	42.435	ng		99
35) Caprolactam	8.52	113	256519	34.978	ng		97
36) 4-Chloro-3-methylphenol	8.64	107	783079	35.792	ng		94
37) 2-Methylnaphthalene	8.80	142	1567800	37.206	ng		99
38) 1-Methylnaphthalene	8.90	142	1503450	37.111	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	672046	47.115	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	24404	3.245	ng		96
43) 2,4,6-Trichlorophenol	9.08	196	449550	43.152	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	447684	42.392	ng		96
46) 1,1'-Biphenyl	9.27	154	2010152	45.881	ng		97
47) 2-Chloronaphthalene	9.29	162	1475848	43.350	ng		97
48) 2-Nitroaniline	9.38	65	520549	47.181	ng		98
49) Acenaphthylene	9.70	152	2097245	44.071	ng		97
50) Dimethylphthalate	9.57	163	1694293	45.488	ng		97
51) 2,6-Dinitrotoluene	9.62	165	319275	40.430	ng		93
52) Acenaphthene	9.88	154	1233170	39.225	ng		98
53) 3-Nitroaniline	9.79	138	462348	46.610	ng		92
54) 2,4-Dinitrophenol	9.89	184	5624	8.666	ng	#	1
55) Dibenzofuran	10.05	168	1851657	42.762	ng		95
56) 4-Nitrophenol	9.94	139	283459	37.921	ng		96
57) 2,4-Dinitrotoluene	10.02	165	364619	35.750	ng		94
58) Fluorene	10.39	166	1268445	41.540	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	317610	40.296	ng		95
60) Diethylphthalate	10.27	149	1593140	42.800	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	648452	43.091	ng		97
62) 4-Nitroaniline	10.40	138	424249	47.388	ng		96
63) Azobenzene	10.54	77	1541303	38.893	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	14359	3.945	ng		99
66) n-Nitrosodiphenylamine	10.50	169	1272180	41.241	ng		97
67) 4-Bromophenyl-phenylether	10.87	248	384517	41.233	ng		95
68) Hexachlorobenzene	10.94	284	392257	41.136	ng		98
69) Atrazine	11.03	200	310583	42.218	ng		97
70) Pentachlorophenol	11.13	266	265101	42.276	ng		99
71) Phenanthrene	11.35	178	1831473	43.220	ng		97
72) Anthracene	11.40	178	1884591	44.121	ng		96
73) Carbazole	11.56	167	1963866	44.185	ng		96
74) Di-n-butylphthalate	11.90	149	2312062	44.439	ng		97
75) Fluoranthene	12.54	202	1934330	46.649	ng		98
77) Benzidine	12.66	184	994064	Below Cal			99
78) Pyrene	12.77	202	2014634	40.844	ng		97
80) Butylbenzylphthalate	13.39	149	1057523	44.382	ng		93
81) Benzo(a)anthracene	13.95	228	1449762	39.083	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	653430	46.677	ng		97
83) Chrysene	13.99	228	1453477	39.470	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	1357835	47.178	ng		97
85) Di-n-octyl phthalate	14.56	149	2226042	49.199	ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1039662	35.163	ng	#	88
88) Benzo(b)fluoranthene	14.99	252	1081970	39.666	ng		99
89) Benzo(k)fluoranthene	15.02	252	1124921	42.660	ng		98
90) Benzo(a)pyrene	15.34	252	1013053	40.490	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	890328	42.405	ng		99
92) Benzo(g,h,i)perylene	17.24	276	858914	40.709	ng		99

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

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