Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111322.D
Acq On : 12 Dec 2018 15:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/13/2018 6:06:00 PM

Quant Time: Dec 13 01:34:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	340476	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1395953	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	645000	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1102792	20.00	ng	0.00
76) Chrysene-d12	13.95	240	714557	20.00	ng	0.00
87) Perylene-d12	15.39	264	584207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1640461	81.48	ng	0.00
7) Phenol-d6	6.43	99	2135289	78.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	2017022	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	453982	79.85	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3234606	80.51	ng	0.00
79) Terphenyl-d14	12.90	244	2587378	79.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	388713	38.650	ng	98
3) Pyridine	3.25	79	1037270	41.984	ng	98
4) n-Nitrosodimethylamine	3.19	42	469691	40.753	ng	91
6) Aniline	6.46	93	1402418	42.703	ng	98
8) 2-Chlorophenol	6.58	128	982451	39.699	ng	99
9) Benzaldehyde	6.34	77	606535	38.880	ng	98
10) Phenol	6.45	94	1226794	39.894	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	958257	39.610	ng	98
12) 1,3-Dichlorobenzene	6.73	146	1052380	39.281	ng	98
13) 1,4-Dichlorobenzene	6.81	146	1066988	39.343	ng	98
14) 1,2-Dichlorobenzene	6.97	146	984785	39.251	ng	99
15) Benzyl Alcohol	6.94	79	824486	39.664	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1874680	39.999	ng	99
17) 2-Methylphenol	7.05	107	793243	39.668	ng	97
18) Hexachloroethane	7.31	117	395119	39.243	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	708949	39.301	ng	96
20) 3+4-Methylphenols	7.20	107	948703	39.782	ng	97
22) Acetophenone	7.20	105	1266914	39.071	ng	100
24) Nitrobenzene	7.37	77	1038163	40.695	ng	99
25) Isophorone	7.62	82	1681110	39.960	ng	99
26) 2-Nitrophenol	7.69	139	531103	42.354	ng	100
27) 2,4-Dimethylphenol	7.73	122	761906	40.027	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1149416	39.805	ng	99
29) 2,4-Dichlorophenol	7.93	162	812440	40.916	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	814121	39.903	ng	99
31) Naphthalene	8.10	128	2577655	39.633	ng	98
32) Benzoic acid	7.86	122	714287m	45.140	ng	
33) 4-Chloroaniline	8.15	127	1169531	42.106	ng	99
34) Hexachlorobutadiene	8.22	225	454997	40.199	ng	98
35) Caprolactam	8.53	113	283855	40.797	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	850351	40.188	ng	97
37) 2-Methylnaphthalene	8.79	142	1666791	39.645	ng	99
38) 1-Methylnaphthalene	8.89	142	1604844	39.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	715484	39.464	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	382052	40.356 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	521638	40.198 ng	99
44) 2,4,5-Trichlorophenol	9.11	196	556941	40.610 ng	95
46) 1,1'-Biphenyl	9.26	154	2164189	39.325 ng	97
47) 2-Chloronaphthalene	9.28	162	1690459	40.109 ng	97
48) 2-Nitroaniline	9.37	65	574420	41.942 ng	100
49) Acenaphthylene	9.69	152	2447936	39.755 ng	97
50) Dimethylphthalate	9.56	163	1849331	39.871 ng	99
51) 2,6-Dinitrotoluene	9.62	165	428863	41.713 ng	93
52) Acenaphthene	9.87	154	1548883	39.881 ng	98
53) 3-Nitroaniline	9.78	138	515146	41.686 ng	99
54) 2,4-Dinitrophenol	9.89	184	173511	43.016 ng	87
55) Dibenzofuran	10.04	168	2222318	39.637 ng	98
56) 4-Nitrophenol	9.95	139	390851	43.919 ng	88
57) 2,4-Dinitrotoluene	10.02	165	556608	42.242 ng	93
58) Fluorene	10.38	166	1564702	39.012 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	431269	40.707 ng	100
60) Diethylphthalate	10.26	149	1847691	39.569 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	770445	38.748 ng	99
62) 4-Nitroaniline	10.40	138	487363	41.030 ng	97
63) Azobenzene	10.53	77	1896072	40.272 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	267603	42.267 ng	90
66) n-Nitrosodiphenylamine	10.49	169	1570147	40.026 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	487649	39.721 ng	99
68) Hexachlorobenzene	10.93	284	502266	39.731 ng	98
69) Atrazine	11.02	200	453616	39.981 ng	96
70) Pentachlorophenol	11.12	266	361785	43.006 ng	96
71) Phenanthrene	11.34	178	2234265	39.197 ng	96
72) Anthracene	11.39	178	2263718	39.002 ng	97
73) Carbazole	11.54	167	2363633	39.385 ng	97
74) Di-n-butylphthalate	11.88	149	2702101	39.544 ng	98
75) Fluoranthene	12.53	202	2195518	39.455 ng	98
77) Benzidine	12.64	184	989941	73.412 ng	100
78) Pyrene	12.76	202	2231587	40.466 ng	97
80) Butylbenzylphthalate	13.37	149	1098787	41.498 ng	98
81) Benzo(a)anthracene	13.94	228	1586203	39.674 ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	622579	41.175 ng	97
83) Chrysene	13.98	228	1645084	40.330 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1314900	40.622 ng	99
85) Di-n-octyl phthalate	14.55	149	2156282	40.569 ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1285163	40.284 ng	97
88) Benzo(b)fluoranthene	14.97	252	1313307	39.534 ng	99
89) Benzo(k)fluoranthene	15.00	252	1330849	40.135 ng	99
90) Benzo(a)pyrene	15.33	252	1222465	39.522 ng	98
91) Dibenzo(a,h)anthracene	16.82	278	1067760	41.492 ng	97
92) Benzo(g,h,i)perylene	17.23	276	1075332	41.795 ng	95

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

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