Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111412.D
Acq On : 14 Dec 2018 12:01
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/17/2018 2:36:13 PM

Quant Time: Dec 14 13:21:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 11:42:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	232715	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1152758	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	548572	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	962058	20.00	ng		0.00
76) Chrysene-d12	13.96	240	651052	20.00	ng		0.00
87) Perylene-d12	15.39	264	530328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1547030	112.42	ng		0.00
7) Phenol-d6	6.45	99	2152000	115.98	ng		0.00
23) Nitrobenzene-d5	7.36	82	2288376	111.89	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	544010	112.50	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3664206	107.24	ng		0.00
79) Terphenyl-d14	12.90	244	2918831	98.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	377453	54.910	ng		96
3) Pyridine	3.24	79	1031102	61.060	ng		95
4) n-Nitrosodimethylamine	3.19	42	473441	60.100	ng		92
6) Aniline	6.46	93	1336689	59.549	ng	#	28
8) 2-Chlorophenol	6.59	128	928767	54.908	ng		99
9) Benzaldehyde	6.34	77	554169	47.991	ng		98
10) Phenol	6.46	94	1216898	57.897	ng	#	75
11) bis(2-Chloroethyl)ether	6.53	93	902167	54.560	ng		97
12) 1,3-Dichlorobenzene	6.74	146	1072279	58.558	ng		100
13) 1,4-Dichlorobenzene	6.82	146	1083421	58.447	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1034882	60.347	ng		99
15) Benzyl Alcohol	6.95	79	856690	60.297	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1927667	60.175	ng		92
17) 2-Methylphenol	7.06	107	841285	61.552	ng	#	93
18) Hexachloroethane	7.31	117	440513	64.010	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	764987	62.045	ng		97
20) 3+4-Methylphenols	7.22	107	998783	61.276	ng	#	88
22) Acetophenone	7.21	105	1428466	53.347	ng		92
24) Nitrobenzene	7.39	77	1181595	56.088	ng		93
25) Isophorone	7.63	82	2056168	59.186	ng		100
26) 2-Nitrophenol	7.70	139	650713	62.841	ng		94
27) 2,4-Dimethylphenol	7.74	122	933593	59.393	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1371142	57.501	ng		100
29) 2,4-Dichlorophenol	7.95	162	951683	58.040	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	960954	57.036	ng		99
31) Naphthalene	8.10	128	3005347	55.957	ng		99
32) Benzoic acid	7.89	122	814041m	62.298	ng		
33) 4-Chloroaniline	8.15	127	1393833	60.767	ng		98
34) Hexachlorobutadiene	8.22	225	522373	55.889	ng		98
35) Caprolactam	8.55	113	365270m	63.574	ng		
36) 4-Chloro-3-methylphenol	8.65	107	1018898	58.312	ng		99
37) 2-Methylnaphthalene	8.79	142	1988356	57.271	ng		99
38) 1-Methylnaphthalene	8.89	142	1888775	56.367	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	830104	53.834	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	483327	60.027 ng		100
43) 2,4,6-Trichlorophenol	9.07	196	626769	56.789 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	669798	57.424 ng		95
46) 1,1'-Biphenyl	9.26	154	2542370	54.318 ng		96
47) 2-Chloronaphthalene	9.29	162	1977253	55.161 ng		97
48) 2-Nitroaniline	9.38	65	688973	59.149 ng		90
49) Acenaphthylene	9.70	152	2925313	55.859 ng		97
50) Dimethylphthalate	9.57	163	2272075	57.596 ng		98
51) 2,6-Dinitrotoluene	9.62	165	531208	60.749 ng		93
52) Acenaphthene	9.87	154	1868517	56.568 ng		99
53) 3-Nitroaniline	9.79	138	650925	61.932 ng		95
54) 2,4-Dinitrophenol	9.89	184	223028	65.011 ng		93
55) Dibenzofuran	10.05	168	2627589	55.103 ng		96
56) 4-Nitrophenol	9.96	139	476043	62.894 ng		93
57) 2,4-Dinitrotoluene	10.03	165	688386	61.425 ng		95
58) Fluorene	10.39	166	1845147	54.091 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	511590	56.776 ng		99
60) Diethylphthalate	10.26	149	2194202	55.250 ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	918390	54.308 ng		98
62) 4-Nitroaniline	10.41	138	647329	64.076 ng		96
63) Azobenzene	10.54	77	2234271	55.797 ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	339066	61.389 ng	#	78
66) n-Nitrosodiphenylamine	10.50	169	1848790	54.023 ng		100
67) 4-Bromophenyl-phenylether	10.86	248	592037	55.278 ng		96
68) Hexachlorobenzene	10.93	284	607849	55.117 ng		93
69) Atrazine	11.03	200	509219	51.447 ng		98
70) Pentachlorophenol	11.13	266	412211	56.168 ng		97
71) Phenanthrene	11.35	178	2654124	53.374 ng		97
72) Anthracene	11.40	178	2710978	53.541 ng		97
73) Carbazole	11.55	167	2734054	52.222 ng		98
74) Di-n-butylphthalate	11.88	149	2840695	47.654 ng		98
75) Fluoranthene	12.53	202	2370201	48.825 ng		99
78) Pyrene	12.76	202	2399891	47.763 ng		98
80) Butylbenzylphthalate	13.37	149	1332946	55.252 ng		98
81) Benzo(a)anthracene	13.94	228	1975751	54.238 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	807335	58.602 ng		99
83) Chrysene	13.99	228	2134065	57.421 ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1611640	54.645 ng		100
85) Di-n-octyl phthalate	14.56	149	2807348	57.971 ng		98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1599973	55.043 ng		98
88) Benzo(b)fluoranthene	14.98	252	1911291	63.379 ng		99
89) Benzo(k)fluoranthene	15.01	252	1642028	54.550 ng		99
90) Benzo(a)pyrene	15.34	252	1642054	58.481 ng		97
91) Dibenzo(a,h)anthracene	16.83	278	1331333	56.990 ng		97
92) Benzo(g,h,i)perylene	17.24	276	1355287	58.027 ng		95

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

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