Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111668.D
Acq On : 21 Dec 2018 5:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/21/2018 2:47:01 PM

Quant Time: Dec 21 07:49:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171954	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	595572	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	262010	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	424933	20.00	ng		0.00
76) Chrysene-d12	14.05	240	431116	20.00	ng		0.00
87) Perylene-d12	15.52	264	336089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	806869	79.98	ng		0.00
7) Phenol-d6	6.52	99	1004146	78.21	ng		0.00
23) Nitrobenzene-d5	7.46	82	908714	88.81	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	234446	75.73	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1610327	89.58	ng		0.00
79) Terphenyl-d14	13.00	244	1557477	68.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	181062	38.148	ng		96
3) Pyridine	3.44	79	481719	38.957	ng		99
4) n-Nitrosodimethylamine	3.38	42	235861	38.975	ng		87
6) Aniline	6.56	93	628168	38.384	ng		99
8) 2-Chlorophenol	6.69	128	444817	39.805	ng		94
9) Benzaldehyde	6.45	77	355244	40.232	ng		97
10) Phenol	6.54	94	570388	39.376	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	418988	38.599	ng		95
12) 1,3-Dichlorobenzene	6.84	146	525273	40.560	ng		98
13) 1,4-Dichlorobenzene	6.92	146	528631	40.249	ng		98
14) 1,2-Dichlorobenzene	7.07	146	493788	40.296	ng		97
15) Benzyl Alcohol	7.03	79	391631	38.409	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	719919	36.010	ng		99
17) 2-Methylphenol	7.15	107	343239	38.359	ng		96
18) Hexachloroethane	7.42	117	156719	35.409	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	314018	36.829	ng		100
20) 3+4-Methylphenols	7.30	107	438103	38.748	ng		97
22) Acetophenone	7.30	105	610197	40.442	ng	#	89
24) Nitrobenzene	7.47	77	466408	43.492	ng		98
25) Isophorone	7.72	82	701631	38.627	ng		98
26) 2-Nitrophenol	7.79	139	207748	47.766	ng		96
27) 2,4-Dimethylphenol	7.83	122	330493	38.548	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	476553	39.425	ng		99
29) 2,4-Dichlorophenol	8.03	162	361234	39.172	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	411405	40.035	ng		98
31) Naphthalene	8.20	128	1150205	40.194	ng		97
32) Benzoic acid	7.92	122	183931m	32.447	ng		
33) 4-Chloroaniline	8.25	127	489272	39.558	ng		98
34) Hexachlorobutadiene	8.32	225	253960	40.549	ng		98
35) Caprolactam	8.60	113	113875	36.442	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	331421	36.561	ng		99
37) 2-Methylnaphthalene	8.89	142	721451	38.750	ng		99
38) 1-Methylnaphthalene	8.99	142	688585	38.510	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	385341	44.757	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	63442	15.185 ng		98
43) 2,4,6-Trichlorophenol	9.17	196	240633	41.862 ng		99
44) 2,4,5-Trichlorophenol	9.20	196	235195	39.883 ng		92
46) 1,1'-Biphenyl	9.36	154	965620	43.658 ng		94
47) 2-Chloronaphthalene	9.38	162	744307	42.475 ng		93
48) 2-Nitroaniline	9.47	65	216250	47.436 ng		94
49) Acenaphthylene	9.79	152	1039307	40.621 ng		95
50) Dimethylphthalate	9.65	163	819181	42.755 ng		98
51) 2,6-Dinitrotoluene	9.71	165	174336	45.632 ng		99
52) Acenaphthene	9.97	154	627956	39.794 ng		99
53) 3-Nitroaniline	9.87	138	187416	45.997 ng		99
54) 2,4-Dinitrophenol	9.97	184	10752	15.276 ng	#	1
55) Dibenzofuran	10.14	168	946596	39.705 ng		94
56) 4-Nitrophenol	10.03	139	125408	40.331 ng		91
57) 2,4-Dinitrotoluene	10.11	165	208121	45.325 ng	#	92
58) Fluorene	10.48	166	657476	38.272 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	180582	36.387 ng		90
60) Diethylphthalate	10.35	149	745506	39.666 ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	371631	39.155 ng		90
62) 4-Nitroaniline	10.48	138	161237	40.715 ng		91
63) Azobenzene	10.63	77	693910	36.776 ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	27322	20.081 ng	#	76
66) n-Nitrosodiphenylamine	10.59	169	625042	43.819 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	227908	43.242 ng	#	89
68) Hexachlorobenzene	11.03	284	245663	41.804 ng	#	90
69) Atrazine	11.11	200	201125	40.587 ng		96
70) Pentachlorophenol	11.22	266	148288	40.817 ng		97
71) Phenanthrene	11.44	178	928676	41.209 ng		95
72) Anthracene	11.49	178	931158	41.165 ng		95
73) Carbazole	11.64	167	899883	40.976 ng		95
74) Di-n-butylphthalate	11.97	149	998257	40.542 ng		97
75) Fluoranthene	12.63	202	974517	42.703 ng		94
77) Benzidine	12.74	184	503677	31.048 ng		98
78) Pyrene	12.86	202	1031144	33.870 ng		96
80) Butylbenzylphthalate	13.47	149	444275	35.800 ng		94
81) Benzo(a)anthracene	14.04	228	985576	40.058 ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	422092	43.420 ng	#	95
83) Chrysene	14.08	228	973459	40.256 ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	591518	37.841 ng	#	98
85) Di-n-octyl phthalate	14.64	149	1060372	43.783 ng		95
86) Indeno(1,2,3-cd)pyrene	17.00	276	665764	32.387 ng	#	88
88) Benzo(b)fluoranthene	15.09	252	816261	41.556 ng	#	95
89) Benzo(k)fluoranthene	15.12	252	828246	44.291 ng	#	97
90) Benzo(a)pyrene	15.46	252	728547	40.826 ng	#	93
91) Dibenzo(a,h)anthracene	17.02	278	564413	36.119 ng	#	91
92) Benzo(g,h,i)perylene	17.45	276	534476	35.027 ng	#	87

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

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