Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108109.D
Acq On : 13 Aug 2018 11:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/14/2018 2:36:16 PM

Quant Time: Aug 13 17:56:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	248930	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	978780	20.00	ng		0.00
38) Acenaphthene-d10	10.08	164	509023	20.00	ng		0.01
63) Phenanthrene-d10	11.57	188	1033411	20.00	ng		0.01
75) Chrysene-d12	14.24	240	827637	20.00	ng		0.02
86) Perylene-d12	15.81	264	734401	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1091746	79.40	ng		0.01
7) Phenol-d6	6.64	99	1473500	80.65	ng		0.01
23) Nitrobenzene-d5	7.59	82	1392972	79.42	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	430742	84.84	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2514925	79.32	ng		0.00
78) Terphenyl-d14	13.16	244	2633431	80.90	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	263852	37.346	ng		89
3) Pyridine	3.68	79	700471	38.489	ng	#	83
4) n-Nitrosodimethylamine	3.64	42	377802	36.892	ng		81
6) Aniline	6.69	93	1014062	40.802	ng		97
8) 2-Chlorophenol	6.81	128	630542	40.718	ng		94
9) Benzaldehyde	6.58	77	561292	39.622	ng		96
10) Phenol	6.65	94	754348	39.913	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	621600	40.682	ng		91
12) 1,3-Dichlorobenzene	6.97	146	720897	40.261	ng		99
13) 1,4-Dichlorobenzene	7.04	146	727360	40.431	ng		97
14) 1,2-Dichlorobenzene	7.20	146	677380	40.480	ng		98
15) Benzyl Alcohol	7.16	79	623380	40.527	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1244283	39.530	ng		97
17) 2-Methylphenol	7.26	107	537423	40.469	ng		94
18) Hexachloroethane	7.54	117	262328	40.958	ng		94
19) n-Nitroso-di-n-propylamine	7.43	70	490702	39.715	ng		90
20) 3+4-Methylphenols	7.41	107	690133	40.553	ng		96
22) Acetophenone	7.43	105	913158	39.900	ng	#	92
24) Nitrobenzene	7.61	77	708421	39.940	ng		97
25) Isophorone	7.84	82	1325972	39.661	ng		98
26) 2-Nitrophenol	7.92	139	265394	39.621	ng		92
27) 2,4-Dimethylphenol	7.95	122	592836	39.953	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	796898	40.830	ng		99
29) 2,4-Dichlorophenol	8.16	162	562284	41.177	ng		97
30) 1,2,4-Trichlorobenzene	8.25	180	604393	40.145	ng		95
31) Naphthalene	8.33	128	1786062	40.125	ng		97
32) Benzoic acid	8.05	122	260128	32.424	ng		92
33) 4-Chloroaniline	8.37	127	798604	41.168	ng		97
34) Hexachlorobutadiene	8.44	225	385720	40.471	ng		99
35) Caprolactam	8.75	113	179792	42.015	ng	#	77
36) 4-Chloro-3-methylphenol	8.85	107	598685	40.641	ng		98
37) 2-Methylnaphthalene	9.02	142	1259892	40.005	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	649448	41.547	ng		98
40) Hexachlorocyclopentadiene	9.17	237	412978	40.903	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	410267	42.295	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	463249m	43.383	ng		
45) 1,1'-Biphenyl	9.49	154	1509373	40.218	ng		98
46) 2-Chloronaphthalene	9.52	162	1201497	40.506	ng		98
47) 2-Nitroaniline	9.61	65	404230	42.118	ng		84
48) Acenaphthylene	9.94	152	1913613	40.807	ng		97
49) Dimethylphthalate	9.78	163	1453797	41.001	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	316557	42.672	ng		98
51) Acenaphthene	10.11	154	1183088	41.190	ng		98
52) 3-Nitroaniline	10.02	138	348443	42.929	ng		94
53) 2,4-Dinitrophenol	10.13	184	102111	40.573	ng	#	20
54) Dibenzofuran	10.28	168	1683947	40.467	ng		96
55) 4-Nitrophenol	10.17	139	248008	40.350	ng		84
56) 2,4-Dinitrotoluene	10.26	165	414163	43.373	ng	#	93
57) Fluorene	10.63	166	1348480	40.936	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.40	232	367336	41.158	ng	#	87
59) Diethylphthalate	10.48	149	1403446	40.875	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	703266	40.972	ng		92
61) 4-Nitroaniline	10.64	138	351911	43.853	ng		90
62) Azobenzene	10.78	77	1420704	40.067	ng		91
64) 4,6-Dinitro-2-methylphenol	10.67	198	149388	39.564	ng		92
65) n-Nitrosodiphenylamine	10.73	169	1244142	40.740	ng		97
66) 4-Bromophenyl-phenylether	11.11	248	459517	40.917	ng	#	89
67) Hexachlorobenzene	11.18	284	475630	40.252	ng		90
68) Atrazine	11.26	200	437574	42.721	ng		95
69) Pentachlorophenol	11.37	266	211466	37.390	ng		98
70) Phenanthrene	11.60	178	1952984	40.068	ng		97
71) Anthracene	11.65	178	2011790	40.270	ng		97
72) Carbazole	11.80	167	1818523	40.971	ng		97
73) Di-n-butylphthalate	12.12	149	2107688	41.923	ng	#	97
74) Fluoranthene	12.80	202	2162428	40.650	ng		96
76) Benzidine	12.91	184	1391522	45.000	ng		99
77) Pyrene	13.03	202	2158767	41.199	ng		96
79) Butylbenzylphthalate	13.63	149	944814	45.410	ng	#	97
80) Benzo(a)anthracene	14.22	228	1949266	41.039	ng		97
81) 3,3'-Dichlorobenzidine	14.18	252	740927	43.528	ng		97
82) Chrysene	14.27	228	1752770	40.251	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1185088	42.061	ng		98
84) Di-n-octyl phthalate	14.81	149	1949616	45.371	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.45	276	1482584	39.294	ng	#	91
87) Benzo(b)fluoranthene	15.34	252	1755894m	40.013	ng		
88) Benzo(k)fluoranthene	15.37	252	1619098	40.137	ng	#	96
89) Benzo(a)pyrene	15.74	252	1587219	40.391	ng		96
90) Dibenzo(a,h)anthracene	17.47	278	1255964	38.628	ng	#	94
91) Benzo(g,h,i)perylene	17.95	276	1188988	37.137	ng	#	90

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

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