Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107770.D
Acq On : 28 Jul 2018 2:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/30/2018 5:40:18 PM

Quant Time: Jul 30 17:18:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139877	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	546649	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	214929	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	395533	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	399190	20.00	ng		-0.01
86) Perylene-d12	15.68	264	337729	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	660744	75.95	ng		-0.02
7) Phenol-d6	6.60	99	823382	78.82	ng		-0.01
23) Nitrobenzene-d5	7.53	82	778184	96.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	205537	84.10	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1444315	134.87	ng		-0.02
78) Terphenyl-d14	13.08	244	1301382	83.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	145104	35.834	ng	#	84
3) Pyridine	3.59	79	379250m	34.427	ng		
4) n-Nitrosodimethylamine	3.57	42	85665	18.438	ng		98
6) Aniline	6.64	93	447665	33.226	ng	#	79
8) 2-Chlorophenol	6.75	128	391433	41.996	ng		97
9) Benzaldehyde	6.52	77	213666	32.080	ng		90
10) Phenol	6.61	94	429250	34.940	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	422294	41.461	ng		95
12) 1,3-Dichlorobenzene	6.90	146	415287	39.298	ng		97
13) 1,4-Dichlorobenzene	6.98	146	477884	44.121	ng		99
14) 1,2-Dichlorobenzene	7.13	146	416058	42.804	ng		100
15) Benzyl Alcohol	7.11	79	259063	36.388	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	633157	36.847	ng		82
17) 2-Methylphenol	7.22	107	286341	36.145	ng	#	84
18) Hexachloroethane	7.47	117	134456	35.392	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	264005	39.121	ng		95
20) 3+4-Methylphenols	7.37	107	379994	40.395	ng	#	57
22) Acetophenone	7.37	105	522812	40.724	ng	#	87
24) Nitrobenzene	7.55	77	400536	43.173	ng		97
25) Isophorone	7.78	82	633735	36.643	ng		99
26) 2-Nitrophenol	7.87	139	197087	50.305	ng		98
27) 2,4-Dimethylphenol	7.90	122	276222	37.247	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	432400	37.411	ng		100
29) 2,4-Dichlorophenol	8.11	162	304403	40.159	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	348938	40.987	ng		98
31) Naphthalene	8.27	128	1033881	43.009	ng		99
32) Benzoic acid	8.01	122	116690	26.729	ng		95
33) 4-Chloroaniline	8.32	127	421643	40.131	ng		99
34) Hexachlorobutadiene	8.37	225	212118	41.931	ng		99
35) Caprolactam	8.69	113	79776	32.358	ng	#	85
36) 4-Chloro-3-methylphenol	8.80	107	304667	36.184	ng		98
37) 2-Methylnaphthalene	8.95	142	631617	37.917	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	321898	44.903	ng	#	97
42) 2,4,6-Trichlorophenol	9.24	196	181969	39.657	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	197436	41.169 ng		97
45) 1,1'-Biphenyl	9.42	154	866357	46.273 ng		98
46) 2-Chloronaphthalene	9.45	162	637583	44.552 ng		99
47) 2-Nitroaniline	9.55	65	199267	47.761 ng		89
48) Acenaphthylene	9.87	152	919638	42.777 ng		100
49) Dimethylphthalate	9.71	163	685182	42.299 ng		100
50) 2,6-Dinitrotoluene	9.79	165	139765	43.459 ng		92
51) Acenaphthene	10.04	154	553133	41.065 ng		99
52) 3-Nitroaniline	9.97	138	174648	44.639 ng		95
53) 2,4-Dinitrophenol	10.12	184	6913	14.337 ng	#	81
54) Dibenzofuran	10.21	168	813679	41.032 ng		99
55) 4-Nitrophenol	10.15	139	56447	19.270 ng		91
56) 2,4-Dinitrotoluene	10.20	165	165863	42.725 ng	#	95
57) Fluorene	10.55	166	597751	42.252 ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	170217	42.647 ng	#	82
59) Diethylphthalate	10.41	149	698142	41.268 ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	337240	42.166 ng		91
61) 4-Nitroaniline	10.60	138	151078	45.960 ng		92
62) Azobenzene	10.70	77	609992	38.453 ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	16194	15.628 ng	#	65
65) n-Nitrosodiphenylamine	10.66	169	568578	42.326 ng		98
66) 4-Bromophenyl-phenylether	11.03	248	197565	42.432 ng		92
67) Hexachlorobenzene	11.10	284	203399	39.702 ng	#	87
68) Atrazine	11.18	200	149856	36.537 ng		96
69) Pentachlorophenol	11.30	266	149912	46.848 ng		96
70) Phenanthrene	11.52	178	754058	39.122 ng		98
71) Anthracene	11.58	178	884339	45.569 ng		99
72) Carbazole	11.74	167	879824	43.598 ng		99
73) Di-n-butylphthalate	12.04	149	997516	49.481 ng		98
74) Fluoranthene	12.71	202	951337	45.996 ng		98
76) Benzidine	12.85	184	530064	46.109 ng		97
77) Pyrene	12.95	202	978719	35.844 ng		98
79) Butylbenzylphthalate	13.55	149	456280	38.857 ng	#	92
80) Benzo(a)anthracene	14.14	228	891225	38.098 ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	365033	56.738 ng	#	95
82) Chrysene	14.18	228	960181	42.729 ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	597907	36.086 ng		98
84) Di-n-octyl phthalate	14.72	149	1120437	43.505 ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	621331	32.624 ng	#	93
87) Benzo(b)fluoranthene	15.22	252	679945	36.787 ng		98
88) Benzo(k)fluoranthene	15.25	252	863889	47.706 ng		98
89) Benzo(a)pyrene	15.62	252	669085	39.573 ng		98
90) Dibenzo(a,h)anthracene	17.27	278	541300	37.037 ng		96
91) Benzo(g,h,i)perylene	17.74	276	484083	33.579 ng		94

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

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