Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103441.D
Acq On : 6 Mar 2018 7:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/6/2018 4:24:17 PM

Quant Time: Mar 06 08:22:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	105927	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	436358	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	177146	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	277114	20.00	ng		0.00
75) Chrysene-d12	14.07	240	170642	20.00	ng		0.00
86) Perylene-d12	15.57	264	135619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	604538	86.32	ng		0.00
7) Phenol-d6	6.52	99	665660	77.67	ng		0.00
23) Nitrobenzene-d5	7.44	82	573382	75.04	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	87771	58.54	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	823497	78.66	ng		0.00
78) Terphenyl-d14	12.99	244	568440	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	144012	38.931	ng		92
3) Pyridine	3.40	79	388723	39.362	ng		98
4) n-Nitrosodimethylamine	3.35	42	158732	39.854	ng		90
6) Aniline	6.54	93	470559	38.045	ng	#	81
8) 2-Chlorophenol	6.66	128	277868	38.191	ng		93
9) Benzaldehyde	6.43	77	193790	36.181	ng		98
10) Phenol	6.53	94	373466	37.538	ng		84
11) bis(2-Chloroethyl)ether	6.60	93	300230	39.760	ng		91
12) 1,3-Dichlorobenzene	6.82	146	317755	38.217	ng		98
13) 1,4-Dichlorobenzene	6.89	146	324918	38.978	ng		99
14) 1,2-Dichlorobenzene	7.05	146	289966	37.724	ng		98
15) Benzyl Alcohol	7.02	79	216339	33.499	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	459936	35.470	ng		74
17) 2-Methylphenol	7.13	107	243860	36.882	ng	#	88
18) Hexachloroethane	7.37	117	62116	20.469	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	210879	39.537	ng		93
20) 3+4-Methylphenols	7.29	107	315750	39.175	ng	#	70
22) Acetophenone	7.29	105	409047	40.160	ng	#	91
24) Nitrobenzene	7.46	77	315419	37.494	ng		99
25) Isophorone	7.69	82	562312	37.366	ng		95
26) 2-Nitrophenol	7.77	139	88775	22.416	ng		92
27) 2,4-Dimethylphenol	7.81	122	223500	36.921	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	341269	38.571	ng		97
29) 2,4-Dichlorophenol	8.03	162	219854	37.934	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	225429	36.526	ng		99
31) Naphthalene	8.18	128	782944	36.649	ng		99
32) Benzoic acid	7.92	122	70021m	20.259	ng		
33) 4-Chloroaniline	8.23	127	337002	36.556	ng		97
34) Hexachlorobutadiene	8.29	225	113904	35.441	ng		99
35) Caprolactam	8.61	113	68116	33.441	ng	#	82
36) 4-Chloro-3-methylphenol	8.72	107	224944	34.410	ng		98
37) 2-Methylnaphthalene	8.87	142	489232	35.435	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	188300	38.882	ng		98
42) 2,4,6-Trichlorophenol	9.16	196	119919	36.801	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	132323	35.306	ng		99
45) 1,1'-Biphenyl	9.33	154	564736	38.045	ng		99
46) 2-Chloronaphthalene	9.36	162	438218	37.316	ng		100
47) 2-Nitroaniline	9.47	65	189247	43.505	ng		89
48) Acenaphthylene	9.78	152	671665	37.173	ng		99
49) Dimethylphthalate	9.63	163	503035	35.398	ng		100
50) 2,6-Dinitrotoluene	9.70	165	82090	27.527	ng	#	87
51) Acenaphthene	9.95	154	373330	35.433	ng		99
52) 3-Nitroaniline	9.88	138	156632	41.398	ng		97
54) Dibenzofuran	10.12	168	530660	36.690	ng		96
55) 4-Nitrophenol	10.07	139	45764	19.516	ng	#	82
56) 2,4-Dinitrotoluene	10.12	165	88154	23.373	ng	#	58
57) Fluorene	10.47	166	416603	33.813	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	75389	29.944	ng		92
59) Diethylphthalate	10.33	149	504721	37.135	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	188482	36.074	ng		98
61) 4-Nitroaniline	10.50	138	158127	41.842	ng		99
62) Azobenzene	10.62	77	466037	33.686	ng		98
64) 4,6-Dinitro-2-methylphenol	10.71	198	125	5.012	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	357811	37.084	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	105013	36.378	ng		94
67) Hexachlorobenzene	11.02	284	109695	35.010	ng		96
68) Atrazine	11.10	200	86270	29.747	ng		99
69) Pentachlorophenol	11.23	266	29228	19.293	ng		98
70) Phenanthrene	11.43	178	541387	35.500	ng		99
71) Anthracene	11.49	178	551906	35.292	ng		99
72) Carbazole	11.65	167	556120	35.710	ng		99
73) Di-n-butylphthalate	11.96	149	742381	38.097	ng		99
74) Fluoranthene	12.63	202	515553	33.641	ng		98
76) Benzidine	12.76	184	302333	47.391	ng		98
77) Pyrene	12.86	202	534273	40.158	ng		99
79) Butylbenzylphthalate	13.46	149	294281	41.866	ng		100
80) Benzo(a)anthracene	14.06	228	391144	35.328	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	151432	38.324	ng		99
82) Chrysene	14.09	228	383282	35.652	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	379866	40.046	ng		98
84) Di-n-octyl phthalate	14.63	149	643394	41.981	ng		96
85) Indeno(1,2,3-cd)pyrene	17.12	276	281330	33.055	ng		98
87) Benzo(b)fluoranthene	15.13	252	314435	35.263	ng		98
88) Benzo(k)fluoranthene	15.16	252	317043	37.758	ng		98
89) Benzo(a)pyrene	15.52	252	281060	35.297	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	237734	38.638	ng		98
91) Benzo(g,h,i)perylene	17.59	276	221226	36.788	ng		94

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

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