Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098532.D
Acq On : 14 Sep 2017 17:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/15/2017 5:43:42 PM

Quant Time: Sep 15 05:14:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	160591	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	671838	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	310844	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	585549	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	409478	20.00	ng		-0.01
86) Perylene-d12	15.19	264	319591	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	843196	77.63	ng		-0.02
7) Phenol-d6	6.30	99	1029312	74.64	ng		-0.02
23) Nitrobenzene-d5	7.22	82	895084	74.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	200838	96.81	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1527257	83.28	ng		-0.02
78) Terphenyl-d14	12.75	244	1542147	81.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	192904	34.410	ng		92
3) Pyridine	2.95	79	504026	33.855	ng	#	84
4) n-Nitrosodimethylamine	2.92	42	235574m	32.275	ng		
6) Aniline	6.32	93	627307	36.259	ng	#	25
8) 2-Chlorophenol	6.44	128	463409	38.800	ng		99
9) Benzaldehyde	6.20	77	301406	33.434	ng		94
10) Phenol	6.32	94	593208	37.034	ng	#	62
11) bis(2-Chloroethyl)ether	6.39	93	433144	35.865	ng		95
12) 1,3-Dichlorobenzene	6.59	146	473313	39.372	ng		96
13) 1,4-Dichlorobenzene	6.67	146	481420	39.096	ng		96
14) 1,2-Dichlorobenzene	6.82	146	437416	38.991	ng		97
15) Benzyl Alcohol	6.80	79	347909	37.907	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	644102	32.414	ng		78
17) 2-Methylphenol	6.92	107	368240	37.810	ng		92
18) Hexachloroethane	7.16	117	177106	37.556	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	312758	36.055	ng		100
20) 3+4-Methylphenols	7.08	107	479341	39.001	ng	#	69
22) Acetophenone	7.07	105	648089	37.324	ng	#	92
24) Nitrobenzene	7.24	77	505538	36.828	ng		98
25) Isophorone	7.48	82	864205	35.444	ng		99
26) 2-Nitrophenol	7.56	139	244963	44.198	ng	#	84
27) 2,4-Dimethylphenol	7.60	122	405003	38.333	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	538619	36.203	ng		99
29) 2,4-Dichlorophenol	7.80	162	369281	42.026	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	397115	41.546	ng		99
31) Naphthalene	7.96	128	1287748	38.773	ng		100
32) Benzoic acid	7.77	122	271960	39.971	ng		96
33) 4-Chloroaniline	8.02	127	535783	39.693	ng		95
34) Hexachlorobutadiene	8.07	225	203867	41.546	ng		96
35) Caprolactam	8.40	113	117504	38.779	ng	#	82
36) 4-Chloro-3-methylphenol	8.51	107	430053	39.464	ng		86
37) 2-Methylnaphthalene	8.65	142	802126	39.871	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	400968	41.411	ng		99
40) Hexachlorocyclopentadiene	8.79	237	75325	33.131	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	247246	43.473	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	253178	42.590	ng		90
45) 1,1'-Biphenyl	9.11	154	1087093	39.073	ng		98
46) 2-Chloronaphthalene	9.13	162	780343	39.272	ng	#	91
47) 2-Nitroaniline	9.24	65	277512	36.388	ng		97
48) Acenaphthylene	9.55	152	1155288	39.104	ng		100
49) Dimethylphthalate	9.42	163	929326	38.622	ng		100
50) 2,6-Dinitrotoluene	9.49	165	205197	41.516	ng	#	83
51) Acenaphthene	9.72	154	733881	39.078	ng		98
52) 3-Nitroaniline	9.66	138	238144	39.915	ng		92
53) 2,4-Dinitrophenol	9.77	184	88127	42.225	ng	#	78
54) Dibenzofuran	9.89	168	958669	38.749	ng		99
55) 4-Nitrophenol	9.83	139	125702	36.671	ng	#	55
56) 2,4-Dinitrotoluene	9.89	165	250317	41.658	ng	#	61
57) Fluorene	10.23	166	805088	39.315	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	173608	43.456	ng		94
59) Diethylphthalate	10.12	149	872872	38.144	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	385829	40.792	ng	#	84
61) 4-Nitroaniline	10.27	138	238507	39.584	ng		88
62) Azobenzene	10.39	77	834161	33.822	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	150921	42.640	ng	#	73
65) n-Nitrosodiphenylamine	10.35	169	732781	38.541	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	228234	41.069	ng		92
67) Hexachlorobenzene	10.78	284	242657	43.047	ng	#	87
68) Atrazine	10.88	200	233794	39.942	ng		98
69) Pentachlorophenol	10.98	266	89196	39.584	ng		96
70) Phenanthrene	11.19	178	1194541	38.482	ng		99
71) Anthracene	11.24	178	1225726	38.460	ng		99
72) Carbazole	11.40	167	1125725	37.901	ng		99
73) Di-n-butylphthalate	11.73	149	1356517	38.118	ng		99
74) Fluoranthene	12.37	202	1216904	39.160	ng		100
76) Benzidine	12.50	184	657337	36.273	ng		96
77) Pyrene	12.60	202	1260565	39.024	ng		98
79) Butylbenzylphthalate	13.22	149	552974	39.460	ng	#	79
80) Benzo(a)anthracene	13.79	228	947989	39.488	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	372773	39.956	ng	#	96
82) Chrysene	13.83	228	932393	38.422	ng		100
83) Bis(2-ethylhexyl)phthalate	13.78	149	693543	39.434	ng		99
84) Di-n-octyl phthalate	14.39	149	1134938	37.612	ng		100
85) Indeno(1,2,3-cd)pyrene	16.53	276	680150	39.949	ng		97
87) Benzo(b)fluoranthene	14.80	252	791263	39.376	ng		99
88) Benzo(k)fluoranthene	14.83	252	772130	41.159	ng	#	94
89) Benzo(a)pyrene	15.14	252	716529	40.024	ng		100
90) Dibenzo(a,h)anthracene	16.54	278	559121	42.933	ng		98
91) Benzo(g,h,i)perylene	16.93	276	568900	43.432	ng		96

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

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