Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100289.D
Acq On : 8 Nov 2017 13:47
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110817

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:34 PM

Quant Time: Nov 08 14:36:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	173116	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	722613	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	354679	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	697582	20.00	ng	0.00
75) Chrysene-d12	14.07	240	554820	20.00	ng	0.00
86) Perylene-d12	15.54	264	500916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	855505	79.22	ng	0.00
7) Phenol-d6	6.52	99	1064407	79.93	ng	0.00
23) Nitrobenzene-d5	7.47	82	955343	87.41	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	315233	87.22	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1810679	77.74	ng	0.00
78) Terphenyl-d14	13.01	244	1865935	77.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	206981	39.328	ng	93
3) Pyridine	3.49	79	584406	40.700	ng	91
4) n-Nitrosodimethylamine	3.44	42	285571	40.963	ng	95
6) Aniline	6.57	93	740115	39.338	ng	99
8) 2-Chlorophenol	6.69	128	460024	40.265	ng	98
9) Benzaldehyde	6.45	77	372035	39.118	ng	99
10) Phenol	6.53	94	548492	39.233	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	475748	40.514	ng	98
12) 1,3-Dichlorobenzene	6.85	146	529255	40.180	ng	97
13) 1,4-Dichlorobenzene	6.92	146	530873	39.820	ng	96
14) 1,2-Dichlorobenzene	7.07	146	500408	40.597	ng	98
15) Benzyl Alcohol	7.04	79	427793	41.159	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	749031	39.881	ng	97
17) 2-Methylphenol	7.15	107	392286	40.180	ng	99
18) Hexachloroethane	7.42	117	179188	40.765	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	367539	39.796	ng	92
20) 3+4-Methylphenols	7.30	107	497960	40.305	ng	95
22) Acetophenone	7.31	105	689787	39.146	ng	96
24) Nitrobenzene	7.49	77	502353	44.655	ng	97
25) Isophorone	7.72	82	917466	39.945	ng	98
26) 2-Nitrophenol	7.80	139	228353	43.821	ng	98
27) 2,4-Dimethylphenol	7.83	122	424102	41.190	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	591132	39.346	ng	100
29) 2,4-Dichlorophenol	8.03	162	407774	41.486	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	430242	40.466	ng	97
31) Naphthalene	8.21	128	1376299	39.543	ng	100
32) Benzoic acid	7.95	122	327373	42.786	ng	99
33) 4-Chloroaniline	8.25	127	576729	39.809	ng	100
34) Hexachlorobutadiene	8.32	225	255053	40.346	ng	98
35) Caprolactam	8.63	113	139709	41.417	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	435418	41.246	ng	98
37) 2-Methylnaphthalene	8.90	142	912645	39.496	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	469891	39.947	ng	97
40) Hexachlorocyclopentadiene	9.05	237	243784	44.034	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	303020	40.646	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	325145	42.095	ng		95
45) 1,1'-Biphenyl	9.36	154	1197653	39.042	ng		98
46) 2-Chloronaphthalene	9.39	162	882004	39.633	ng		98
47) 2-Nitroaniline	9.48	65	284859	43.591	ng		95
48) Acenaphthylene	9.80	152	1465921	39.748	ng		99
49) Dimethylphthalate	9.66	163	1084336	40.042	ng		99
50) 2,6-Dinitrotoluene	9.72	165	233172	43.499	ng		99
51) Acenaphthene	9.97	154	901825	40.206	ng		99
52) 3-Nitroaniline	9.89	138	271194	42.844	ng		97
53) 2,4-Dinitrophenol	9.99	184	82806	45.994	ng	#	43
54) Dibenzofuran	10.15	168	1254028	39.890	ng		98
55) 4-Nitrophenol	10.03	139	230041	44.758	ng		95
56) 2,4-Dinitrotoluene	10.12	165	305057	45.111	ng	#	97
57) Fluorene	10.49	166	933979	40.555	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	267956	42.328	ng	#	89
59) Diethylphthalate	10.36	149	1103292	40.712	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	468605	41.478	ng		92
61) 4-Nitroaniline	10.50	138	263030	43.824	ng		96
62) Azobenzene	10.64	77	1013101	39.693	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	153129	44.283	ng		95
65) n-Nitrosodiphenylamine	10.60	169	954755	39.362	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	302964	40.514	ng		90
67) Hexachlorobenzene	11.03	284	316587	40.479	ng	#	90
68) Atrazine	11.12	200	301839	41.110	ng		98
69) Pentachlorophenol	11.22	266	239430	42.693	ng		99
70) Phenanthrene	11.45	178	1437961	39.151	ng		99
71) Anthracene	11.50	178	1458587	39.143	ng		100
72) Carbazole	11.66	167	1353365	39.362	ng		99
73) Di-n-butylphthalate	11.98	149	1650681	41.025	ng		100
74) Fluoranthene	12.64	202	1534272	39.416	ng		97
76) Benzidine	12.76	184	921737	41.484	ng	#	93
77) Pyrene	12.87	202	1589203	40.182	ng		100
79) Butylbenzylphthalate	13.48	149	685988	42.531	ng		98
80) Benzo(a)anthracene	14.05	228	1344830	40.251	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	494458	41.306	ng		99
82) Chrysene	14.09	228	1290959	39.901	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	917336	43.243	ng		99
84) Di-n-octyl phthalate	14.65	149	1538882	42.227	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1030594	39.381	ng		96
87) Benzo(b)fluoranthene	15.11	252	1164793	39.250	ng		98
88) Benzo(k)fluoranthene	15.14	252	1183817m	42.219	ng		
89) Benzo(a)pyrene	15.48	252	1072503	40.765	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	858820	39.915	ng		97
91) Benzo(g,h,i)perylene	17.49	276	832975	39.549	ng		93

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

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