Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100429.D
Acq On : 11 Nov 2017 9:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 13 01:02:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164283	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	669117	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	305945	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	595666	20.00	ng		0.00
75) Chrysene-d12	14.07	240	455158	20.00	ng		0.00
86) Perylene-d12	15.54	264	387470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	815918	79.61	ng		0.00
7) Phenol-d6	6.53	99	1020176	80.72	ng		0.00
23) Nitrobenzene-d5	7.47	82	925534	91.45	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	266915	85.62	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1592187	79.24	ng		0.00
78) Terphenyl-d14	13.01	244	1527125	77.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	200078	40.060	ng		95
3) Pyridine	3.49	79	568250	41.703	ng		94
4) n-Nitrosodimethylamine	3.45	42	267064	40.368	ng		95
6) Aniline	6.57	93	723651	40.531	ng		98
8) 2-Chlorophenol	6.69	128	440307	40.611	ng		98
9) Benzaldehyde	6.46	77	343469	38.057	ng		96
10) Phenol	6.54	94	530425	39.981	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	447055	40.117	ng		96
12) 1,3-Dichlorobenzene	6.85	146	496453	39.716	ng		99
13) 1,4-Dichlorobenzene	6.92	146	501369	39.629	ng		98
14) 1,2-Dichlorobenzene	7.07	146	464868	39.741	ng		98
15) Benzyl Alcohol	7.05	79	399292	40.483	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	714341	40.079	ng		97
17) 2-Methylphenol	7.15	107	378525	40.855	ng		99
18) Hexachloroethane	7.42	117	173734	41.649	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	337186	38.472	ng		98
20) 3+4-Methylphenols	7.30	107	459735	39.212	ng		91
22) Acetophenone	7.32	105	613763	37.617	ng	#	98
24) Nitrobenzene	7.49	77	479310	46.013	ng		98
25) Isophorone	7.73	82	839077	39.453	ng		99
26) 2-Nitrophenol	7.80	139	245195	49.957	ng		96
27) 2,4-Dimethylphenol	7.83	122	386934	40.585	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	551702	39.657	ng		99
29) 2,4-Dichlorophenol	8.04	162	376706	41.389	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	391283	39.744	ng		96
31) Naphthalene	8.21	128	1255030	38.942	ng		100
32) Benzoic acid	7.95	122	303206	42.794	ng		97
33) 4-Chloroaniline	8.26	127	535436	39.913	ng		98
34) Hexachlorobutadiene	8.32	225	233328	39.860	ng		97
35) Caprolactam	8.64	113	123174	39.435	ng		90
36) 4-Chloro-3-methylphenol	8.73	107	396167	40.528	ng		99
37) 2-Methylnaphthalene	8.90	142	832980	38.931	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	419405	41.334	ng		97
40) Hexachlorocyclopentadiene	9.05	237	225107	47.138	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	278078	43.242	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	301285	45.219	ng		96
45) 1,1'-Biphenyl	9.36	154	1063253	40.182	ng		99
46) 2-Chloronaphthalene	9.39	162	794368	41.381	ng		96
47) 2-Nitroaniline	9.48	65	272441	48.029	ng		91
48) Acenaphthylene	9.80	152	1286737	40.447	ng		99
49) Dimethylphthalate	9.66	163	935625	40.054	ng		99
50) 2,6-Dinitrotoluene	9.73	165	208653	45.125	ng		89
51) Acenaphthene	9.98	154	803857	41.547	ng		99
52) 3-Nitroaniline	9.90	138	248839	45.574	ng		93
53) 2,4-Dinitrophenol	9.99	184	107438	60.673	ng	#	20
54) Dibenzofuran	10.15	168	1079671	39.814	ng		99
55) 4-Nitrophenol	10.04	139	199126	44.914	ng		92
56) 2,4-Dinitrotoluene	10.13	165	276839	47.460	ng	#	94
57) Fluorene	10.49	166	808990	40.723	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	228580	41.859	ng		89
59) Diethylphthalate	10.36	149	921254	39.410	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	398592	40.901	ng		94
61) 4-Nitroaniline	10.51	138	242133	46.768	ng		94
62) Azobenzene	10.64	77	879952	39.968	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	162297	52.898	ng		90
65) n-Nitrosodiphenylamine	10.60	169	821561	39.666	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	256804	40.217	ng		93
67) Hexachlorobenzene	11.04	284	272393	40.787	ng	#	86
68) Atrazine	11.13	200	252750	40.314	ng		95
69) Pentachlorophenol	11.23	266	202928	42.375	ng		99
70) Phenanthrene	11.46	178	1211334	38.623	ng		99
71) Anthracene	11.50	178	1228611	38.612	ng		99
72) Carbazole	11.66	167	1147933	39.099	ng		99
73) Di-n-butylphthalate	11.99	149	1384817	40.306	ng		99
74) Fluoranthene	12.64	202	1278000	38.449	ng		99
76) Benzidine	12.76	184	679153	37.259	ng		99
77) Pyrene	12.87	202	1314187	40.505	ng		99
79) Butylbenzylphthalate	13.49	149	582202	44.000	ng	#	92
80) Benzo(a)anthracene	14.06	228	1123369	40.985	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	414881	42.247	ng	#	97
82) Chrysene	14.10	228	1043847	39.328	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	784122	45.057	ng		99
84) Di-n-octyl phthalate	14.65	149	1275080	42.649	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	834919	38.890	ng		96
87) Benzo(b)fluoranthene	15.12	252	946382	41.227	ng		98
88) Benzo(k)fluoranthene	15.14	252	902357	41.603	ng		98
89) Benzo(a)pyrene	15.49	252	845208	41.532	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	703697	42.281	ng		98
91) Benzo(g,h,i)perylene	17.50	276	692610	42.513	ng		96

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

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