Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100973.D
Acq On : 29 Nov 2017 13:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 30 07:06:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58563	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	228305	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	111118	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	218805	20.00	ng		0.00
75) Chrysene-d12	14.02	240	174480	20.00	ng		0.00
86) Perylene-d12	15.48	264	143691	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	291266	79.73	ng		-0.01
7) Phenol-d6	6.48	99	351762	78.08	ng		-0.01
23) Nitrobenzene-d5	7.42	82	313776	90.86	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	108363	95.70	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	662099	90.73	ng		0.00
78) Terphenyl-d14	12.96	244	700634	92.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	62533	35.123	ng		99
3) Pyridine	3.39	79	160385	33.019	ng		95
4) n-Nitrosodimethylamine	3.35	42	79698	33.794	ng		88
6) Aniline	6.52	93	228989	35.979	ng		99
8) 2-Chlorophenol	6.64	128	156552	40.506	ng		95
9) Benzaldehyde	6.40	77	129642	40.296	ng		97
10) Phenol	6.50	94	195142	41.262	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	147438	37.115	ng		98
12) 1,3-Dichlorobenzene	6.79	146	184037	41.302	ng		98
13) 1,4-Dichlorobenzene	6.87	146	187091	41.484	ng		99
14) 1,2-Dichlorobenzene	7.02	146	174973	41.961	ng		98
15) Benzyl Alcohol	6.99	79	136896	38.935	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	203507	32.030	ng		99
17) 2-Methylphenol	7.10	107	123999	37.544	ng		99
18) Hexachloroethane	7.36	117	60356	40.589	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	114746	36.727	ng		96
20) 3+4-Methylphenols	7.26	107	161869	38.729	ng	#	85
22) Acetophenone	7.26	105	224055	40.246	ng	#	91
24) Nitrobenzene	7.44	77	155383	43.718	ng		98
25) Isophorone	7.67	82	273403	37.676	ng		99
26) 2-Nitrophenol	7.75	139	85892	51.145	ng		94
27) 2,4-Dimethylphenol	7.79	122	125513	38.584	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	184081	38.781	ng		98
29) 2,4-Dichlorophenol	7.99	162	136780	44.045	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	150868	44.912	ng		99
31) Naphthalene	8.16	128	460915	41.915	ng		99
32) Benzoic acid	7.92	122	104300	43.067	ng		99
33) 4-Chloroaniline	8.20	127	189528	41.407	ng		99
34) Hexachlorobutadiene	8.27	225	89927	45.024	ng		98
35) Caprolactam	8.59	113	38974	36.570	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	137806	41.317	ng		99
37) 2-Methylnaphthalene	8.85	142	310460	42.526	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	169101	45.886	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	77125	44.467	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	99907	42.775 ng		99
43) 2,4,5-Trichlorophenol	9.17	196	107444	44.400 ng	#	90
45) 1,1'-Biphenyl	9.31	154	415264	43.209 ng		99
46) 2-Chloronaphthalene	9.34	162	297507	42.671 ng		96
47) 2-Nitroaniline	9.43	65	87592	42.835 ng		97
48) Acenaphthylene	9.75	152	489097	42.330 ng		100
49) Dimethylphthalate	9.61	163	361679	42.631 ng		100
50) 2,6-Dinitrotoluene	9.67	165	77439	46.112 ng		95
51) Acenaphthene	9.93	154	289760	41.234 ng		98
52) 3-Nitroaniline	9.85	138	85711	43.221 ng		96
53) 2,4-Dinitrophenol	9.96	184	27674	48.055 ng	#	15
54) Dibenzofuran	10.10	168	421803	42.827 ng		98
55) 4-Nitrophenol	10.00	139	59789	37.131 ng		89
56) 2,4-Dinitrotoluene	10.08	165	101525	47.921 ng		91
57) Fluorene	10.44	166	335507	46.501 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	85824	43.274 ng	#	84
59) Diethylphthalate	10.31	149	354273	41.728 ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	166010	46.903 ng		94
61) 4-Nitroaniline	10.46	138	84782	45.088 ng		93
62) Azobenzene	10.59	77	300678	37.602 ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	53968	48.698 ng		80
65) n-Nitrosodiphenylamine	10.55	169	321481	42.255 ng		95
66) 4-Bromophenyl-phenylether	10.92	248	103096	43.954 ng	#	82
67) Hexachlorobenzene	10.99	284	110411	45.007 ng	#	89
68) Atrazine	11.07	200	98025	42.564 ng		98
69) Pentachlorophenol	11.18	266	61241	34.815 ng		97
70) Phenanthrene	11.40	178	493922	42.874 ng		98
71) Anthracene	11.46	178	501845	42.937 ng		99
72) Carbazole	11.61	167	447099	41.457 ng		98
73) Di-n-butylphthalate	11.93	149	567526	44.968 ng		98
74) Fluoranthene	12.59	202	527458	43.201 ng		95
76) Benzidine	12.71	184	283199	40.529 ng		99
77) Pyrene	12.82	202	533987	42.933 ng		99
79) Butylbenzylphthalate	13.43	149	234484	46.229 ng	#	88
80) Benzo(a)anthracene	14.01	228	455123	43.316 ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	153414	40.752 ng	#	96
82) Chrysene	14.04	228	424043	41.676 ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	337206	50.546 ng		100
84) Di-n-octyl phthalate	14.60	149	537800	46.926 ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	340353	41.356 ng	#	93
87) Benzo(b)fluoranthene	15.06	252	366488	43.051 ng		99
88) Benzo(k)fluoranthene	15.09	252	367157	45.646 ng	#	95
89) Benzo(a)pyrene	15.42	252	322198	42.692 ng		99
90) Dibenzo(a,h)anthracene	16.97	278	287449	46.573 ng	#	95
91) Benzo(g,h,i)perylene	17.41	276	275834	45.655 ng	#	91

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

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