Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101016.D
Acq On : 30 Nov 2017 14:11
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:25 AM

Quant Time: Nov 30 15:10:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 14:21:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49405	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	194208	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	95814	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	199588	20.00	ng		0.00
75) Chrysene-d12	14.03	240	181848	20.00	ng		0.00
86) Perylene-d12	15.50	264	169701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	298037	96.70	ng		0.00
7) Phenol-d6	6.49	99	360677	94.90	ng		0.00
23) Nitrobenzene-d5	7.42	82	330346	112.46	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	114644	117.42	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	693049	110.14	ng		0.00
78) Terphenyl-d14	12.97	244	774049	97.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	63017	41.956	ng		98
3) Pyridine	3.38	79	165116	40.294	ng		94
4) n-Nitrosodimethylamine	3.34	42	82788	41.612	ng		95
6) Aniline	6.52	93	235209	43.806	ng		99
8) 2-Chlorophenol	6.64	128	159145	48.810	ng		98
9) Benzaldehyde	6.41	77	100272	36.944	ng		95
10) Phenol	6.50	94	200252	50.191	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	149343	44.563	ng		98
12) 1,3-Dichlorobenzene	6.79	146	187955	50.000	ng		98
13) 1,4-Dichlorobenzene	6.87	146	194142	51.027	ng		97
14) 1,2-Dichlorobenzene	7.03	146	180794	51.394	ng		96
15) Benzyl Alcohol	7.00	79	140035	47.210	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	178686	33.337	ng		100
17) 2-Methylphenol	7.11	107	128972	46.288	ng		97
18) Hexachloroethane	7.36	117	62381	49.727	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	118878	45.103	ng		93
20) 3+4-Methylphenols	7.26	107	165540	46.950	ng	#	75
22) Acetophenone	7.27	105	234348	49.485	ng	#	95
24) Nitrobenzene	7.44	77	163111	53.949	ng		100
25) Isophorone	7.68	82	280303	45.409	ng		98
26) 2-Nitrophenol	7.76	139	89239	69.361	ng		90
27) 2,4-Dimethylphenol	7.79	122	128081	46.286	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	188300	46.634	ng		99
29) 2,4-Dichlorophenol	8.00	162	140563	53.209	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	155462	54.405	ng		97
31) Naphthalene	8.16	128	478041	51.105	ng		99
32) Benzoic acid	7.93	122	100686	55.759	ng		94
33) 4-Chloroaniline	8.21	127	190997	49.054	ng		99
34) Hexachlorobutadiene	8.27	225	92925	54.694	ng		97
35) Caprolactam	8.60	113	42454	46.829	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	143558	50.599	ng		95
37) 2-Methylnaphthalene	8.85	142	319335	51.421	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	174685	54.973	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	57419	38.393	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	105057	52.164	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	112478	53.905	ng		95
45) 1,1'-Biphenyl	9.32	154	429799	51.865	ng		97
46) 2-Chloronaphthalene	9.34	162	311591	51.829	ng		97
47) 2-Nitroaniline	9.44	65	92712	55.294	ng		98
48) Acenaphthylene	9.76	152	512842	51.474	ng		99
49) Dimethylphthalate	9.62	163	382976	52.351	ng		99
50) 2,6-Dinitrotoluene	9.68	165	81351	56.179	ng		98
51) Acenaphthene	9.93	154	303582	50.102	ng		99
52) 3-Nitroaniline	9.85	138	91090	53.271	ng		98
53) 2,4-Dinitrophenol	9.96	184	39735	90.655	ng	#	14
54) Dibenzofuran	10.10	168	438230	51.602	ng		99
55) 4-Nitrophenol	10.01	139	61098	44.004	ng		96
56) 2,4-Dinitrotoluene	10.09	165	107849	59.037	ng	#	96
57) Fluorene	10.45	166	351354	56.475	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	87566	51.204	ng	#	85
59) Diethylphthalate	10.32	149	374845	51.203	ng		95
60) 4-Chlorophenyl-phenylether	10.43	204	173040	56.698	ng		94
61) 4-Nitroaniline	10.47	138	93660	57.765	ng		91
62) Azobenzene	10.59	77	319007	46.266	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	66822	76.759	ng		86
65) n-Nitrosodiphenylamine	10.56	169	338965	48.843	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	111384	52.059	ng	#	90
67) Hexachlorobenzene	10.99	284	115109	51.440	ng	#	89
68) Atrazine	11.08	200	104227	49.615	ng		96
69) Pentachlorophenol	11.19	266	68087	42.433	ng		98
70) Phenanthrene	11.41	178	530154	50.450	ng		97
71) Anthracene	11.46	178	538398	50.499	ng		99
72) Carbazole	11.62	167	487907	49.597	ng		99
73) Di-n-butylphthalate	11.94	149	617581	53.646	ng		97
74) Fluoranthene	12.60	202	586951	52.702	ng		96
76) Benzidine	12.72	184	272827	37.463	ng		97
77) Pyrene	12.83	202	607129	46.836	ng		99
79) Butylbenzylphthalate	13.44	149	269801	51.036	ng	#	90
80) Benzo(a)anthracene	14.02	228	564009	51.504	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	191147	48.718	ng	#	96
82) Chrysene	14.06	228	512876	48.365	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	384205	55.258	ng		99
84) Di-n-octyl phthalate	14.60	149	653789	54.735	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	431994	50.364	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	489864	48.724	ng		98
88) Benzo(k)fluoranthene	15.10	252	496045m	52.218	ng		
89) Benzo(a)pyrene	15.44	252	447864	50.248	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	369409	50.679	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	341964	47.925	ng	#	91

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

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