Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101013.D
Acq On : 30 Nov 2017 12:51
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:20 AM

Quant Time: Nov 30 14:55:15 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	54094	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	219678	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	111381	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	235274	20.00	ng		0.00
75) Chrysene-d12	14.02	240	225212	20.00	ng		0.00
86) Perylene-d12	15.50	264	218494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	66274	19.64	ng		0.00
7) Phenol-d6	6.47	99	79870	19.19	ng		-0.01
23) Nitrobenzene-d5	7.41	82	74007	22.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	28435	25.05	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	179307	24.51	ng		0.00
78) Terphenyl-d14	12.96	244	221783	22.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	13569	8.251	ng		96
3) Pyridine	3.42	79	35534m	7.920	ng		
4) n-Nitrosodimethylamine	3.33	42	16599	7.620	ng		87
6) Aniline	6.51	93	51910	8.830	ng		99
8) 2-Chlorophenol	6.63	128	35966	10.075	ng		94
9) Benzaldehyde	6.40	77	26453	8.901	ng		92
10) Phenol	6.49	94	44421	10.169	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	32866	8.957	ng		96
12) 1,3-Dichlorobenzene	6.79	146	42182	10.249	ng		97
13) 1,4-Dichlorobenzene	6.87	146	43292	10.392	ng		96
14) 1,2-Dichlorobenzene	7.02	146	43044	11.175	ng		94
15) Benzyl Alcohol	6.99	79	30611	9.425	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	46217	7.875	ng		98
17) 2-Methylphenol	7.10	107	29215	9.576	ng		94
18) Hexachloroethane	7.36	117	13794	10.043	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	27106	9.393	ng		94
20) 3+4-Methylphenols	7.25	107	40509m	10.493	ng		
22) Acetophenone	7.26	105	56556	10.558	ng	#	95
24) Nitrobenzene	7.43	77	37062	10.837	ng		98
25) Isophorone	7.67	82	64118	9.183	ng		99
26) 2-Nitrophenol	7.75	139	19079	13.110	ng		92
27) 2,4-Dimethylphenol	7.78	122	29447	9.408	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	43468	9.517	ng		96
29) 2,4-Dichlorophenol	7.99	162	31384	10.503	ng		92
30) 1,2,4-Trichlorobenzene	8.07	180	35590	11.011	ng		98
31) Naphthalene	8.16	128	111619	10.549	ng		99
32) Benzoic acid	7.87	122	18569	9.091	ng		98
33) 4-Chloroaniline	8.20	127	45994	10.443	ng		99
34) Hexachlorobutadiene	8.27	225	21927	11.409	ng		97
35) Caprolactam	8.55	113	10030	9.781	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	33135	10.325	ng		99
37) 2-Methylnaphthalene	8.85	142	76300	10.862	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	40546	10.976	ng	#	94
40) Hexachlorocyclopentadiene	9.00	237	6453	3.712	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	24263	10.364	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	25625	10.564	ng		94
45) 1,1'-Biphenyl	9.31	154	107198	11.128	ng		96
46) 2-Chloronaphthalene	9.33	162	75692	10.831	ng		95
47) 2-Nitroaniline	9.43	65	21245	10.900	ng		95
48) Acenaphthylene	9.75	152	124610	10.759	ng		99
49) Dimethylphthalate	9.60	163	92208	10.843	ng		99
50) 2,6-Dinitrotoluene	9.67	165	19389	11.518	ng	#	83
51) Acenaphthene	9.92	154	75053	10.655	ng		96
52) 3-Nitroaniline	9.84	138	21503	10.818	ng		98
53) 2,4-Dinitrophenol	9.96	184	5868	11.517	ng	#	10
54) Dibenzofuran	10.09	168	108746	11.015	ng		97
55) 4-Nitrophenol	10.00	139	12657	7.842	ng		95
56) 2,4-Dinitrotoluene	10.08	165	26040	12.262	ng	#	82
57) Fluorene	10.44	166	91472	12.648	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	19700	9.910	ng	#	86
59) Diethylphthalate	10.30	149	93744	11.015	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	45161	12.729	ng		90
61) 4-Nitroaniline	10.45	138	22498	11.936	ng		94
62) Azobenzene	10.59	77	78353	9.775	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	13917	13.562	ng		87
65) n-Nitrosodiphenylamine	10.55	169	87771	10.729	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	26893	10.663	ng	#	82
67) Hexachlorobenzene	10.99	284	28711	10.884	ng	#	89
68) Atrazine	11.07	200	27256	11.007	ng		96
69) Pentachlorophenol	11.19	266	12588	6.655	ng		95
70) Phenanthrene	11.40	178	138071	11.146	ng		98
71) Anthracene	11.45	178	138557	11.025	ng		97
72) Carbazole	11.61	167	126630	10.920	ng		97
73) Di-n-butylphthalate	11.93	149	159169	11.729	ng	#	97
74) Fluoranthene	12.59	202	156393	11.913	ng		92
76) Benzidine	12.71	184	86901	9.635	ng		98
77) Pyrene	12.82	202	159980	9.965	ng		99
79) Butylbenzylphthalate	13.43	149	67945	10.378	ng		91
80) Benzo(a)anthracene	14.01	228	144738	10.672	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	55047	11.329	ng		98
82) Chrysene	14.05	228	136870	10.422	ng		95
83) Bis(2-ethylhexyl)phthalate	13.99	149	101334	11.768	ng		96
84) Di-n-octyl phthalate	14.60	149	165364	11.179	ng		100
85) Indeno(1,2,3-cd)pyrene	16.97	276	132789	12.500	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	131907	10.190	ng	#	96
88) Benzo(k)fluoranthene	15.09	252	130596	10.678	ng	#	95
89) Benzo(a)pyrene	15.43	252	121434	10.582	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	112264	11.962	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	108060	11.762	ng	#	93

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

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