Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101014.D
Acq On : 30 Nov 2017 13:17
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:23 AM

Quant Time: Nov 30 15:00:23 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	50863	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	212421	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	106129	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	217541	20.00	ng		0.00
75) Chrysene-d12	14.03	240	204758	20.00	ng		0.00
86) Perylene-d12	15.50	264	195433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	163145	51.42	ng		0.00
7) Phenol-d6	6.48	99	197079	50.37	ng		0.00
23) Nitrobenzene-d5	7.42	82	179779	55.95	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	67183	62.12	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	408725	58.64	ng		0.00
78) Terphenyl-d14	12.96	244	481958	54.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	32726	21.164	ng		96
3) Pyridine	3.39	79	86037	20.394	ng		96
4) n-Nitrosodimethylamine	3.33	42	42930	20.959	ng	#	93
6) Aniline	6.52	93	128026	23.161	ng		99
8) 2-Chlorophenol	6.63	128	89020	26.520	ng		97
9) Benzaldehyde	6.40	77	62080	22.217	ng		96
10) Phenol	6.49	94	109149	26.573	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	83525	24.209	ng		99
12) 1,3-Dichlorobenzene	6.79	146	101615	26.257	ng		97
13) 1,4-Dichlorobenzene	6.87	146	105774	27.004	ng		96
14) 1,2-Dichlorobenzene	7.02	146	98670	27.245	ng		96
15) Benzyl Alcohol	6.99	79	76693	25.115	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	113116	20.499	ng		99
17) 2-Methylphenol	7.10	107	70198	24.472	ng		98
18) Hexachloroethane	7.36	117	33725	26.113	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	65251	24.047	ng		95
20) 3+4-Methylphenols	7.26	107	93969	25.887	ng	#	73
22) Acetophenone	7.26	105	132428	25.566	ng	#	97
24) Nitrobenzene	7.43	77	88494	26.760	ng		99
25) Isophorone	7.67	82	153636	22.755	ng		97
26) 2-Nitrophenol	7.75	139	47959	34.080	ng		97
27) 2,4-Dimethylphenol	7.79	122	72948	24.102	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	103603	23.458	ng		97
29) 2,4-Dichlorophenol	7.99	162	78216	27.070	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	85501	27.356	ng		95
31) Naphthalene	8.16	128	266971	26.093	ng		99
32) Benzoic acid	7.90	122	53829	27.254	ng		96
33) 4-Chloroaniline	8.20	127	110176	25.870	ng		98
34) Hexachlorobutadiene	8.27	225	51919	27.938	ng		98
35) Caprolactam	8.57	113	23617	23.817	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	79911	25.751	ng		94
37) 2-Methylnaphthalene	8.85	142	182766	26.907	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	100038	28.422	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	24945	15.058	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	57499	25.775	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	61798	26.738	ng	#	90
45) 1,1'-Biphenyl	9.31	154	250179	27.255	ng		97
46) 2-Chloronaphthalene	9.34	162	177332	26.630	ng		95
47) 2-Nitroaniline	9.43	65	51408	27.680	ng		97
48) Acenaphthylene	9.75	152	294431	26.680	ng		99
49) Dimethylphthalate	9.61	163	217734	26.870	ng		99
50) 2,6-Dinitrotoluene	9.67	165	46178	28.790	ng		96
51) Acenaphthene	9.93	154	173732	25.885	ng		98
52) 3-Nitroaniline	9.85	138	52016	27.463	ng		99
53) 2,4-Dinitrophenol	9.96	184	19724	40.626	ng	#	18
54) Dibenzofuran	10.10	168	253216	26.918	ng		99
55) 4-Nitrophenol	10.00	139	34973	22.740	ng		94
56) 2,4-Dinitrotoluene	10.08	165	63406	31.335	ng	#	93
57) Fluorene	10.44	166	208205	30.213	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	51753	27.321	ng	#	83
59) Diethylphthalate	10.31	149	218226	26.912	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	104275	30.846	ng		94
61) 4-Nitroaniline	10.46	138	54901	30.569	ng		90
62) Azobenzene	10.59	77	184305	24.132	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	37686	39.718	ng		83
65) n-Nitrosodiphenylamine	10.55	169	200739	26.538	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	64879	27.821	ng	#	84
67) Hexachlorobenzene	10.99	284	68311	28.008	ng	#	85
68) Atrazine	11.07	200	63718	27.828	ng		97
69) Pentachlorophenol	11.19	266	36458	20.846	ng		95
70) Phenanthrene	11.40	178	311568	27.202	ng		98
71) Anthracene	11.46	178	321992	27.709	ng		98
72) Carbazole	11.61	167	292857	27.313	ng		98
73) Di-n-butylphthalate	11.93	149	370251	29.508	ng		99
74) Fluoranthene	12.59	202	353272	29.102	ng		95
76) Benzidine	12.72	184	178334	21.748	ng		99
77) Pyrene	12.83	202	359466	24.628	ng		98
79) Butylbenzylphthalate	13.43	149	159092	26.727	ng		92
80) Benzo(a)anthracene	14.02	228	330798	26.828	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	118716	26.872	ng	#	96
82) Chrysene	14.05	228	309980	25.961	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	228347	29.167	ng		100
84) Di-n-octyl phthalate	14.60	149	379233	28.197	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	289339	29.959	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	303277	26.193	ng		97
88) Benzo(k)fluoranthene	15.10	252	281983m	25.776	ng		
89) Benzo(a)pyrene	15.43	252	272223	26.520	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	249101	29.674	ng		95
91) Benzo(g,h,i)perylene	17.43	276	233501	28.416	ng	#	92

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

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