Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089593.D
Acq On : 4 Aug 2016 17:26
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
8/5/2016 6:58:48 PM

Quant Time: Aug 05 01:11:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	48491	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	206996	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	96207	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	190529	20.00	ng	0.00
75) Chrysene-d12	18.39	240	128830	20.00	ng	0.00
86) Perylene-d12	20.05	264	91533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	226571	78.83	ng	0.00
7) Phenol-d6	6.98	99	309167	79.50	ng	0.00
23) Nitrobenzene-d5	8.36	82	301839	80.57	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	66786	86.68	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	561349	76.12	ng	0.00
78) Terphenyl-d14	17.05	244	476442	75.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	56446	33.19	ng	100
3) Pyridine	2.31	79	117847	38.58	ng	100
4) n-Nitrosodimethylamine	2.28	42	51203	43.81	ng	100
6) Aniline	6.94	93	205738	39.80	ng	100
8) 2-Chlorophenol	7.12	128	139617	40.06	ng	100
9) Benzaldehyde	6.75	77	60805	44.26	ng	100
10) Phenol	7.00	94	164631	40.96	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	132671	37.64	ng	100
12) 1,3-Dichlorobenzene	7.35	146	146993	38.44	ng	100
13) 1,4-Dichlorobenzene	7.47	146	143335	37.52	ng	100
14) 1,2-Dichlorobenzene	7.70	146	148461	37.58	ng	100
15) Benzyl Alcohol	7.74	79	105269	41.52	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165798	38.08	ng	100
17) 2-Methylphenol	7.95	107	100360	39.28	ng	100
18) Hexachloroethane	8.23	117	60411	37.70	ng	100
19) n-Nitroso-di-n-propylamine	8.17	70	111358	40.64	ng	100
20) 3+4-Methylphenols	8.20	107	130890	39.18	ng	100
22) Acetophenone	8.14	105	211731	42.10	ng	100
24) Nitrobenzene	8.39	77	146456	38.76	ng	100
25) Isophorone	8.79	82	272651	38.33	ng	100
26) 2-Nitrophenol	8.89	139	65102	39.98	ng	100
27) 2,4-Dimethylphenol	9.03	122	118857	40.87	ng	100
28) bis(2-Chloroethoxy)methane	9.18	93	174689	41.00	ng	100
29) 2,4-Dichlorophenol	9.30	162	109481	39.87	ng	100
30) 1,2,4-Trichlorobenzene	9.40	180	125414	40.08	ng	100
31) Naphthalene	9.51	128	417148	38.04	ng	100
32) Benzoic acid	9.36	122	73955	38.54	ng	100
33) 4-Chloroaniline	9.64	127	172934	40.40	ng	100
34) Hexachlorobutadiene	9.72	225	69414	38.26	ng	100
35) Caprolactam	10.28	113	32921	40.87	ng	100
36) 4-Chloro-3-methylphenol	10.50	107	133295	41.54	ng	100
37) 2-Methylnaphthalene	10.63	142	259921	38.66	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	144605	39.89	ng	100
40) Hexachlorocyclopentadiene	10.89	237	46495	44.21	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73485	41.34	ng	100
43) 2,4,5-Trichlorophenol	11.20	196	76774	40.87	ng	100
45) 1,1'-Biphenyl	11.40	154	341602	39.37	ng	100
46) 2-Chloronaphthalene	11.42	162	254129	39.21	ng	100
47) 2-Nitroaniline	11.62	65	83708	40.45	ng	100
48) Acenaphthylene	12.07	152	412988	38.57	ng	100
49) Dimethylphthalate	11.96	163	294996	39.83	ng	100
50) 2,6-Dinitrotoluene	12.04	165	64010	43.08	ng	100
51) Acenaphthene	12.35	154	241407	38.81	ng	100
52) 3-Nitroaniline	12.31	138	73278	41.76	ng	100
53) 2,4-Dinitrophenol	12.51	184	20171	38.45	ng	100
54) Dibenzofuran	12.64	168	334800	39.54	ng	100
55) 4-Nitrophenol	12.67	139	42190m	42.93	ng	
56) 2,4-Dinitrotoluene	12.70	165	85388	42.41	ng	100
57) Fluorene	13.19	166	281926	39.12	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.87	232	57948	42.83	ng	100
59) Diethylphthalate	13.11	149	307376	40.69	ng	100
60) 4-Chlorophenyl-phenylether	13.22	204	134122	41.23	ng	100
61) 4-Nitroaniline	13.31	138	68291	43.95	ng	100
62) Azobenzene	13.49	77	310093	40.26	ng	100
64) 4,6-Dinitro-2-methylphenol	13.36	198	44208	41.41	ng	100
65) n-Nitrosodiphenylamine	13.44	169	249129	38.46	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	74875	40.22	ng	100
67) Hexachlorobenzene	14.07	284	75577	37.54	ng	100
68) Atrazine	14.35	200	76614	44.69	ng	100
69) Pentachlorophenol	14.42	266	37074	51.68	ng	100
70) Phenanthrene	14.73	178	398494	39.09	ng	100
71) Anthracene	14.81	178	418607	37.63	ng	100
72) Carbazole	15.11	167	370149	40.85	ng	100
73) Di-n-butylphthalate	15.70	149	496551	42.33	ng	100
74) Fluoranthene	16.49	202	419390	40.31	ng	100
76) Benzidine	16.73	184	166516	46.45	ng	100
77) Pyrene	16.80	202	421983	37.23	ng	100
79) Butylbenzylphthalate	17.73	149	196391	44.86	ng	100
80) Benzo(a)anthracene	18.38	228	283341	37.98	ng	100
81) 3,3'-Dichlorobenzidine	18.37	252	96061	40.90	ng	100
82) Chrysene	18.42	228	298475	38.47	ng	100
83) Bis(2-ethylhexyl)phthalate	18.47	149	261566	44.49	ng	100
84) Di-n-octyl phthalate	19.25	149	396924	44.12	ng	100
85) Indeno(1,2,3-cd)pyrene	21.22	276	212203	33.61	ng	100
87) Benzo(b)fluoranthene	19.65	252	219788	39.24	ng	100
88) Benzo(k)fluoranthene	19.67	252	220851m	39.68	ng	
89) Benzo(a)pyrene	19.99	252	201873	38.87	ng	100
90) Dibenzo(a,h)anthracene	21.23	278	183645	38.03	ng	100
91) Benzo(g,h,i)perylene	21.55	276	188523	37.31	ng	100

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

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