Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
Data File : BF078174.D
Acq On : 2 Apr 2015 1:47
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/2/2015 5:51:33 PM

Quant Time: Apr 02 13:58:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36780	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	154533	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	76827	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	143612	20.00	ng		0.00
75) Chrysene-d12	15.87	240	153404	20.00	ng		0.00
86) Perylene-d12	17.59	264	143887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	187001	83.83	ng		-0.01
7) Phenol-d6	6.60	99	229952	82.25	ng		0.00
23) Nitrobenzene-d5	7.72	82	202377	79.38	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	55833	87.63	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	429800	79.97	ng		0.00
78) Terphenyl-d14	14.59	244	547075	80.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	42483	42.12	ng		97
3) Pyridine	2.49	79	105742	40.02	ng		99
4) n-Nitrosodimethylamine	2.43	42	41312	40.62	ng		98
6) Aniline	6.60	93	162323	40.94	ng		99
8) 2-Chlorophenol	6.75	128	109065	41.35	ng		100
9) Benzaldehyde	6.46	77	76978	41.54	ng		98
10) Phenol	6.62	94	136593	40.78	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	101684	42.21	ng		99
12) 1,3-Dichlorobenzene	6.93	146	117430	40.53	ng		98
13) 1,4-Dichlorobenzene	7.04	146	119276	40.90	ng		99
14) 1,2-Dichlorobenzene	7.22	146	111142	40.64	ng		99
15) Benzyl Alcohol	7.21	79	80737	41.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	130772	40.70	ng		99
17) 2-Methylphenol	7.37	107	85852	41.92	ng		99
18) Hexachloroethane	7.64	117	42061	42.77	ng		98
19) n-Nitroso-di-n-propylamine	7.55	70	77164	41.83	ng		99
20) 3+4-Methylphenols	7.56	107	115492	42.27	ng		99
22) Acetophenone	7.54	105	147756	41.04	ng		99
24) Nitrobenzene	7.74	77	105481	39.58	ng		100
25) Isophorone	8.04	82	205334	42.44	ng		99
26) 2-Nitrophenol	8.13	139	55120	43.40	ng		99
27) 2,4-Dimethylphenol	8.21	122	95182	40.30	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	126793	40.87	ng		99
29) 2,4-Dichlorophenol	8.44	162	87784	40.86	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	97255	39.48	ng		99
31) Naphthalene	8.62	128	322867	40.14	ng		99
32) Benzoic acid	8.34	122	42703	39.60	ng		98
33) 4-Chloroaniline	8.70	127	138399	41.47	ng		99
34) Hexachlorobutadiene	8.78	225	54633	40.39	ng		99
35) Caprolactam	9.14	113	28091	43.80	ng	#	76
36) 4-Chloro-3-methylphenol	9.32	107	92403	42.62	ng		98
37) 2-Methylnaphthalene	9.48	142	218527	40.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	96706	40.62	ng		99
40) Hexachlorocyclopentadiene	9.68	237	37730	40.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	63414	42.24	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	64822	41.33	ng		99
45) 1,1'-Biphenyl	10.06	154	262445	41.76	ng		100
46) 2-Chloronaphthalene	10.08	162	197396	39.92	ng		98
47) 2-Nitroaniline	10.21	65	52035	42.54	ng		97
48) Acenaphthylene	10.59	152	328957	41.20	ng		100
49) Dimethylphthalate	10.45	163	229087	39.69	ng		100
50) 2,6-Dinitrotoluene	10.53	165	50333	42.39	ng		94
51) Acenaphthene	10.80	154	181645	40.41	ng		99
52) 3-Nitroaniline	10.73	138	59087	43.76	ng		99
53) 2,4-Dinitrophenol	10.87	184	14953	43.36	ng		98
54) Dibenzofuran	11.01	168	278838	40.61	ng		99
55) 4-Nitrophenol	10.97	139	36437	38.15	ng		97
56) 2,4-Dinitrotoluene	11.03	165	69201	44.99	ng		99
57) Fluorene	11.44	166	220653	39.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	50991	43.85	ng		99
59) Diethylphthalate	11.33	149	232884	41.85	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	103377	40.38	ng	#	72
61) 4-Nitroaniline	11.48	138	60480	44.31	ng		98
62) Azobenzene	11.64	77	204565	40.28	ng		99
64) 4,6-Dinitro-2-methylphenol	11.52	198	25901	38.41	ng		97
65) n-Nitrosodiphenylamine	11.61	169	207393	41.75	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	62470	41.07	ng		99
67) Hexachlorobenzene	12.11	284	66578	39.95	ng		98
68) Atrazine	12.28	200	63418	44.08	ng		98
69) Pentachlorophenol	12.36	266	26905	40.63	ng		98
70) Phenanthrene	12.63	178	343803	41.39	ng		100
71) Anthracene	12.68	178	331422	40.49	ng		100
72) Carbazole	12.90	167	315165	41.08	ng		99
73) Di-n-butylphthalate	13.36	149	364638	41.96	ng		99
74) Fluoranthene	14.09	202	359906	41.08	ng		99
76) Benzidine	14.28	184	220722	37.37	ng		99
77) Pyrene	14.37	202	398134	41.34	ng		99
79) Butylbenzylphthalate	15.21	149	156972	42.77	ng		99
80) Benzo(a)anthracene	15.86	228	358707	39.30	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	121544	39.76	ng		98
82) Chrysene	15.91	228	342169	39.90	ng		100
83) Bis(2-ethylhexyl)phthalate	15.94	149	236975	41.17	ng		99
84) Di-n-octyl phthalate	16.73	149	396604	41.96	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.90	276	385966	39.66	ng	#	85
87) Benzo(b)fluoranthene	17.15	252	352808	39.67	ng		99
88) Benzo(k)fluoranthene	17.17	252	322398m	40.80	ng		
89) Benzo(a)pyrene	17.53	252	317704	40.94	ng		99
90) Dibenzo(a,h)anthracene	18.93	278	310242	39.93	ng		99
91) Benzo(g,h,i)perylene	19.29	276	311796	40.02	ng		99

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

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