Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077220.D
Acq On : 7 Feb 2015 1:31
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
2/9/2015 1:36:15 PM

Quant Time: Feb 07 02:37:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 02:27:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	44188	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	188716	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	101328	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	173765	20.00	ng		0.00
75) Chrysene-d12	21.05	240	168116	20.00	ng		0.00
86) Perylene-d12	22.68	264	153091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	209870	78.09	ng		0.00
7) Phenol-d6	7.07	99	265138	78.20	ng		0.00
23) Nitrobenzene-d5	8.96	82	282195	82.84	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	68231	82.95	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	550037	82.61	ng		0.00
78) Terphenyl-d14	19.79	244	582621	79.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	38949	33.85	ng		98
3) Pyridine	1.49	79	123856	41.59	ng		95
4) n-Nitrosodimethylamine	1.47	42	56899	38.57	ng	#	94
6) Aniline	6.93	93	187132	39.88	ng		98
8) 2-Chlorophenol	7.17	128	122350	39.49	ng		98
9) Benzaldehyde	6.65	77	73927	37.84	ng		93
10) Phenol	7.09	94	139077	38.63	ng		93
11) bis(2-Chloroethyl)ether	7.20	93	114353	40.59	ng	#	78
12) 1,3-Dichlorobenzene	7.48	146	143103	40.60	ng		98
13) 1,4-Dichlorobenzene	7.68	146	147145	39.37	ng		97
14) 1,2-Dichlorobenzene	8.00	146	136330	39.58	ng		96
15) Benzyl Alcohol	8.10	79	114812	41.85	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.44	45	152282	40.22	ng	#	72
17) 2-Methylphenol	8.45	107	101269	40.00	ng		98
18) Hexachloroethane	8.74	117	54464	41.89	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	95584	40.28	ng		98
20) 3+4-Methylphenols	8.84	107	123232	36.76	ng		93
22) Acetophenone	8.65	105	184170	39.84	ng		99
24) Nitrobenzene	9.00	77	137176	39.53	ng		99
25) Isophorone	9.61	82	253861	40.92	ng		97
26) 2-Nitrophenol	9.73	139	64975	36.99	ng	#	82
27) 2,4-Dimethylphenol	10.03	122	109445	40.79	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	145779	41.34	ng		97
29) 2,4-Dichlorophenol	10.35	162	94094	37.62	ng		95
30) 1,2,4-Trichlorobenzene	10.46	180	113550	40.88	ng		96
31) Naphthalene	10.60	128	389864	40.13	ng		99
32) Benzoic acid	10.48	122	32146m	21.62	ng		
33) 4-Chloroaniline	10.86	127	148814	37.91	ng		98
34) Hexachlorobutadiene	10.97	225	68743	41.71	ng		97
35) Caprolactam	11.77	113	27860	37.84	ng	#	90
36) 4-Chloro-3-methylphenol	12.17	107	111298	38.87	ng		92
37) 2-Methylnaphthalene	12.26	142	267699	40.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	101292	40.43	ng		98
40) Hexachlorocyclopentadiene	12.65	237	48749	38.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	73222	40.11	ng		97
43) 2,4,5-Trichlorophenol	13.11	196	65485	35.18	ng		93
45) 1,1'-Biphenyl	13.41	154	312318	41.58	ng		99
46) 2-Chloronaphthalene	13.38	162	254520	41.17	ng		98
47) 2-Nitroaniline	13.75	65	81741	43.59	ng		86
48) Acenaphthylene	14.33	152	428761	41.12	ng		100
49) Dimethylphthalate	14.31	163	297898	41.46	ng		99
50) 2,6-Dinitrotoluene	14.39	165	61673	42.96	ng		91
51) Acenaphthene	14.75	154	241294	40.79	ng		98
52) 3-Nitroaniline	14.74	138	69419	37.44	ng		88
53) 2,4-Dinitrophenol	15.04	184	17262	33.61	ng		96
54) Dibenzofuran	15.17	168	348449	40.43	ng		99
55) 4-Nitrophenol	15.37	139	34129	30.30	ng		89
56) 2,4-Dinitrotoluene	15.32	165	82953	38.96	ng		91
57) Fluorene	15.94	166	296158	40.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	52840	38.98	ng		96
59) Diethylphthalate	15.95	149	310460	42.75	ng		99
60) 4-Chlorophenyl-phenylether	16.04	204	122855	41.13	ng		89
61) 4-Nitroaniline	16.11	138	69063	38.45	ng		90
62) Azobenzene	16.34	77	314762	41.60	ng		98
64) 4,6-Dinitro-2-methylphenol	16.18	198	41711	38.09	ng		76
65) n-Nitrosodiphenylamine	16.29	169	241989	39.06	ng		96
66) 4-Bromophenyl-phenylether	16.91	248	70868	40.26	ng	#	87
67) Hexachlorobenzene	16.92	284	75088	40.47	ng		97
68) Atrazine	17.30	200	78890	41.96	ng		97
69) Pentachlorophenol	17.30	266	32231	41.52	ng		95
70) Phenanthrene	17.57	178	417099	38.49	ng		99
71) Anthracene	17.65	178	414115	39.19	ng		99
72) Carbazole	17.95	167	409034	39.91	ng		100
73) Di-n-butylphthalate	18.55	149	508246	42.84	ng		98
74) Fluoranthene	19.23	202	449610	40.49	ng		100
76) Benzidine	19.48	184	204211	37.96	ng		99
77) Pyrene	19.52	202	471616	40.93	ng		99
79) Butylbenzylphthalate	20.45	149	221008	42.35	ng		88
80) Benzo(a)anthracene	21.04	228	422360	40.04	ng		100
81) 3,3'-Dichlorobenzidine	21.06	252	142348	42.47	ng	#	95
82) Chrysene	21.08	228	386098	40.14	ng		98
83) Bis(2-ethylhexyl)phthalate	21.20	149	315138	43.65	ng		99
84) Di-n-octyl phthalate	21.96	149	561464	44.81	ng		100
85) Indeno(1,2,3-cd)pyrene	23.76	276	449798	44.12	ng	#	84
87) Benzo(b)fluoranthene	22.28	252	390875	37.91	ng		98
88) Benzo(k)fluoranthene	22.32	252	408939m	45.40	ng		
89) Benzo(a)pyrene	22.63	252	363920	40.01	ng		98
90) Dibenzo(a,h)anthracene	23.78	278	352558	42.25	ng	#	94
91) Benzo(g,h,i)perylene	24.02	276	350348	42.23	ng	#	90

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

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