Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077929.D
Acq On : 25 Mar 2015 1:43
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:18 PM

Quant Time: Mar 25 02:38:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	48553	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	201164	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	99394	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	188992	20.00	ng		0.00
75) Chrysene-d12	15.99	240	209065	20.00	ng		0.01
86) Perylene-d12	17.75	264	203392	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	216291	77.76	ng		0.00
7) Phenol-d6	6.69	99	274186	79.78	ng		0.00
23) Nitrobenzene-d5	7.81	82	248259	80.90	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	68948	72.50	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	537143	79.42	ng		0.00
78) Terphenyl-d14	14.69	244	637832	74.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	47866	37.90	ng	#	100
3) Pyridine	2.65	79	110807	32.66	ng		96
4) n-Nitrosodimethylamine	2.59	42	51654	34.96	ng		93
6) Aniline	6.70	93	190641	38.78	ng	#	57
8) 2-Chlorophenol	6.84	128	126529	38.22	ng		94
9) Benzaldehyde	6.56	77	64083	45.52	ng		95
10) Phenol	6.70	94	159643	39.30	ng		83
11) bis(2-Chloroethyl)ether	6.81	93	118018	38.78	ng		90
12) 1,3-Dichlorobenzene	7.04	146	142524	38.70	ng		96
13) 1,4-Dichlorobenzene	7.14	146	149082	38.96	ng		98
14) 1,2-Dichlorobenzene	7.32	146	138070	39.36	ng		99
15) Benzyl Alcohol	7.31	79	98118	36.58	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	160348	39.10	ng		98
17) 2-Methylphenol	7.46	107	105760	39.24	ng		99
18) Hexachloroethane	7.73	117	50319	40.10	ng		95
19) n-Nitroso-di-n-propylamine	7.64	70	93125	39.17	ng		95
20) 3+4-Methylphenols	7.65	107	136791	38.68	ng		99
22) Acetophenone	7.63	105	176832	39.71	ng	#	93
24) Nitrobenzene	7.84	77	137922	41.72	ng	#	89
25) Isophorone	8.13	82	240275	38.77	ng		95
26) 2-Nitrophenol	8.22	139	60344	37.28	ng	#	81
27) 2,4-Dimethylphenol	8.30	122	111060	37.66	ng		98
28) bis(2-Chloroethoxy)methane	8.42	93	150645	40.05	ng		99
29) 2,4-Dichlorophenol	8.53	162	106232	37.80	ng		96
30) 1,2,4-Trichlorobenzene	8.62	180	119314	37.94	ng		98
31) Naphthalene	8.72	128	395144	38.25	ng		100
32) Benzoic acid	8.42	122	49516	31.26	ng		98
33) 4-Chloroaniline	8.80	127	158078	37.70	ng	#	92
34) Hexachlorobutadiene	8.88	225	70274	39.42	ng		97
35) Caprolactam	9.23	113	30811	37.51	ng		99
36) 4-Chloro-3-methylphenol	9.41	107	114078	40.34	ng		91
37) 2-Methylnaphthalene	9.57	142	262751	37.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	111279	37.54	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	52221	36.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	75827	36.93	ng		97
43) 2,4,5-Trichlorophenol	9.98	196	85776	38.66	ng		97
45) 1,1'-Biphenyl	10.16	154	310547	39.08	ng		97
46) 2-Chloronaphthalene	10.18	162	256525	39.73	ng		95
47) 2-Nitroaniline	10.32	65	65628	40.92	ng		98
48) Acenaphthylene	10.69	152	422781	39.37	ng		99
49) Dimethylphthalate	10.56	163	297499	40.36	ng		99
50) 2,6-Dinitrotoluene	10.62	165	64044	41.91	ng		94
51) Acenaphthene	10.90	154	230640	37.46	ng		98
52) 3-Nitroaniline	10.83	138	71126	40.08	ng		97
53) 2,4-Dinitrophenol	10.96	184	17338	35.83	ng		98
54) Dibenzofuran	11.12	168	343369	37.60	ng		95
55) 4-Nitrophenol	11.05	139	46477	35.35	ng	#	67
56) 2,4-Dinitrotoluene	11.12	165	78908	39.60	ng		98
57) Fluorene	11.54	166	295634	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	66075	38.68	ng	#	100
59) Diethylphthalate	11.42	149	277874	38.69	ng		96
60) 4-Chlorophenyl-phenylether	11.55	204	128672	37.19	ng	#	89
61) 4-Nitroaniline	11.59	138	74787	42.28	ng		97
62) Azobenzene	11.75	77	276774	40.32	ng		93
64) 4,6-Dinitro-2-methylphenol	11.62	198	33637	38.62	ng		83
65) n-Nitrosodiphenylamine	11.70	169	254155	40.39	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	79711	39.52	ng	#	89
67) Hexachlorobenzene	12.21	284	87974	39.70	ng	#	93
68) Atrazine	12.37	200	63627	36.08	ng		96
69) Pentachlorophenol	12.47	266	38543	35.01	ng		98
70) Phenanthrene	12.73	178	445671	41.08	ng		99
71) Anthracene	12.80	178	442289	41.26	ng		99
72) Carbazole	13.00	167	427919	41.97	ng		99
73) Di-n-butylphthalate	13.46	149	469563	41.07	ng		99
74) Fluoranthene	14.20	202	491772	41.09	ng		99
76) Benzidine	14.39	184	205173	39.67	ng		98
77) Pyrene	14.48	202	508937	38.71	ng		99
79) Butylbenzylphthalate	15.31	149	199576	38.50	ng	#	84
80) Benzo(a)anthracene	15.97	228	497273	40.13	ng		99
81) 3,3'-Dichlorobenzidine	15.95	252	153931	37.65	ng		99
82) Chrysene	16.02	228	457472	41.05	ng		100
83) Bis(2-ethylhexyl)phthalate	16.04	149	309769	39.45	ng	#	97
84) Di-n-octyl phthalate	16.84	149	494693	36.85	ng		99
85) Indeno(1,2,3-cd)pyrene	19.12	276	549387	39.50	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	457078	34.42	ng		98
88) Benzo(k)fluoranthene	17.32	252	482187m	46.49	ng		
89) Benzo(a)pyrene	17.68	252	451298	40.73	ng		99
90) Dibenzo(a,h)anthracene	19.14	278	444436	40.45	ng		97
91) Benzo(g,h,i)perylene	19.52	276	446354	39.90	ng		98

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

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