Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075574.D
Acq On : 16 Nov 2014 10:16
Operator : TP / JJ
Sample : F4737-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-005MS

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:24 PM

Quant Time: Nov 17 04:43:52 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	28843	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	120039	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	66527	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	112115	20.00	ng		0.00
75) Chrysene-d12	16.46	240	128860	20.00	ng		-0.02
86) Perylene-d12	18.19	264	123027	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	236663	144.95	ng		0.00
7) Phenol-d6	7.11	99	298385	151.98	ng		0.00
23) Nitrobenzene-d5	8.24	82	157732	96.34	ng		-0.01
41) 2,4,6-Tribromophenol	12.30	330	74228	133.21	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	339635	92.25	ng		0.00
78) Terphenyl-d14	15.16	244	364455	76.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	27896	40.70	ng		95
3) Pyridine	3.27	79	63946m	34.72	ng		
4) n-Nitrosodimethylamine	3.18	42	35286	36.20	ng		87
6) Aniline	7.13	93	20550	7.25	ng	#	1
8) 2-Chlorophenol	7.28	128	83166	44.01	ng		83
9) Benzaldehyde	7.00	77	3868	2.93	ng		99
10) Phenol	7.12	94	105664	44.12	ng		91
11) bis(2-Chloroethyl)ether	7.24	93	85379	47.06	ng		87
12) 1,3-Dichlorobenzene	7.48	146	88312	42.89	ng		94
13) 1,4-Dichlorobenzene	7.58	146	92489	44.15	ng		93
14) 1,2-Dichlorobenzene	7.76	146	85727	43.64	ng		92
15) Benzyl Alcohol	7.73	79	67171	43.58	ng		87
16) 2,2'-oxybis(1-Chloropropan	7.91	45	169805	45.22	ng		96
17) 2-Methylphenol	7.88	107	70114	44.82	ng		99
18) Hexachloroethane	8.18	117	30375	42.28	ng	#	71
19) n-Nitroso-di-n-propylamine	8.06	70	60287	45.06	ng		94
20) 3+4-Methylphenols	8.07	107	90007	43.94	ng	#	67
22) Acetophenone	8.06	105	127790	49.35	ng	#	95
24) Nitrobenzene	8.26	77	86939	45.82	ng		93
25) Isophorone	8.56	82	165749	44.34	ng		93
26) 2-Nitrophenol	8.66	139	42068	48.66	ng	#	79
27) 2,4-Dimethylphenol	8.72	122	73738	44.01	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	106593	46.79	ng		96
29) 2,4-Dichlorophenol	8.96	162	69682	47.47	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	68426	44.39	ng	#	96
31) Naphthalene	9.17	128	252440	47.17	ng		98
32) Benzoic acid	8.81	122	6388	6.31	ng		92
33) 4-Chloroaniline	9.24	127	20660	8.88	ng		96
34) Hexachlorobutadiene	9.32	225	36165	43.41	ng		98
35) Caprolactam	9.64	113	22568	46.39	ng		93
36) 4-Chloro-3-methylphenol	9.83	107	71843	44.60	ng		94
37) 2-Methylnaphthalene	10.02	142	175849	48.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	65747	48.08	ng		99
40) Hexachlorocyclopentadiene	10.21	237	71375	85.92	ng		99

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Quant Time: Nov 17 04:43:52 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 04:16:34 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.38	196	45229	41.59	ng		91
43) 2,4,5-Trichlorophenol	10.43	196	47836	42.23	ng		99
45) 1,1'-Biphenyl	10.61	154	210435	46.89	ng		96
46) 2-Chloronaphthalene	10.63	162	165214	47.09	ng		94
47) 2-Nitroaniline	10.76	65	50471	47.81	ng	#	62
48) Acenaphthylene	11.15	152	277156	47.91	ng		100
49) Dimethylphthalate	10.99	163	210375	46.26	ng		99
50) 2,6-Dinitrotoluene	11.07	165	40066	44.73	ng	#	58
51) Acenaphthene	11.36	154	156517	44.82	ng		99
52) 3-Nitroaniline	11.26	138	26134	24.74	ng		98
53) 2,4-Dinitrophenol	11.40	184	26090	58.83	ng	#	75
54) Dibenzofuran	11.58	168	236013	47.29	ng	#	87
55) 4-Nitrophenol	11.48	139	74362	88.07	ng		90
56) 2,4-Dinitrotoluene	11.56	165	56858	48.32	ng	#	83
57) Fluorene	12.00	166	195193	48.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	38839	43.20	ng	#	94
59) Diethylphthalate	11.87	149	201740	42.75	ng		97
60) 4-Chlorophenyl-phenylether	12.00	204	78881	45.45	ng		97
61) 4-Nitroaniline	12.03	138	44640	42.28	ng	#	76
62) Azobenzene	12.20	77	184391	44.41	ng		95
64) 4,6-Dinitro-2-methylphenol	12.06	198	21925	38.66	ng	#	65
65) n-Nitrosodiphenylamine	12.15	169	158911	44.81	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	47032	44.59	ng	#	68
67) Hexachlorobenzene	12.68	284	55564	46.39	ng		96
68) Atrazine	12.81	200	45993	41.79	ng		99
69) Pentachlorophenol	12.93	266	49888	66.36	ng		97
70) Phenanthrene	13.20	178	283134	47.98	ng		99
71) Anthracene	13.26	178	288995	47.38	ng		100
72) Carbazole	13.47	167	282194	47.29	ng		99
73) Di-n-butylphthalate	13.90	149	341641	41.44	ng		99
74) Fluoranthene	14.68	202	312292	49.41	ng		96
76) Benzidine	14.85	184	85250	20.81	ng		98
77) Pyrene	14.96	202	319296	42.62	ng		98
79) Butylbenzylphthalate	15.77	149	155900	37.06	ng		96
80) Benzo(a)anthracene	16.45	228	290343	42.89	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	44346	17.74	ng		98
82) Chrysene	16.49	228	273482	46.71	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	245630	37.07	ng		99
84) Di-n-octyl phthalate	17.26	149	446386	38.26	ng		96
85) Indeno(1,2,3-cd)pyrene	19.74	276	349786m	49.25	ng		
87) Benzo(b)fluoranthene	17.72	252	337235	51.27	ng		98
88) Benzo(k)fluoranthene	17.75	252	255197m	43.23	ng		
89) Benzo(a)pyrene	18.12	252	286832	48.73	ng		97
90) Dibenzo(a,h)anthracene	19.77	278	301193	49.00	ng		97
91) Benzo(g,h,i)perylene	20.21	276	291418	49.76	ng		97

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

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