Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075575.D
Acq On : 16 Nov 2014 10:44
Operator : TP / JJ
Sample : F4737-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-005MSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:31 PM

Quant Time: Nov 17 04:46:40 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	44487	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	191323	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	102489	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	184577	20.00	ng		0.00
75) Chrysene-d12	16.46	240	187158	20.00	ng		-0.02
86) Perylene-d12	18.19	264	188527	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	316029	125.50	ng		0.00
7) Phenol-d6	7.11	99	405043	133.76	ng		0.00
23) Nitrobenzene-d5	8.24	82	219605	84.15	ng		-0.01
41) 2,4,6-Tribromophenol	12.30	330	102675	119.61	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	472222	83.26	ng		0.00
78) Terphenyl-d14	15.16	244	496866	71.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	35189	33.29	ng		94
3) Pyridine	3.28	79	83777m	29.49	ng		
4) n-Nitrosodimethylamine	3.19	42	55446m	36.88	ng		
6) Aniline	7.13	93	59345	13.57	ng	#	28
8) 2-Chlorophenol	7.29	128	105569	36.22	ng		98
9) Benzaldehyde	7.00	77	5084	2.50	ng	#	80
10) Phenol	7.12	94	138426	37.47	ng		92
11) bis(2-Chloroethyl)ether	7.24	93	109465	39.12	ng		89
12) 1,3-Dichlorobenzene	7.48	146	112094	35.29	ng		95
13) 1,4-Dichlorobenzene	7.58	146	116751	36.13	ng		95
14) 1,2-Dichlorobenzene	7.76	146	113549	37.48	ng		94
15) Benzyl Alcohol	7.73	79	88686	37.31	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	224809	38.81	ng		96
17) 2-Methylphenol	7.88	107	91302	37.84	ng		96
18) Hexachloroethane	8.18	117	41168	37.16	ng	#	77
19) n-Nitroso-di-n-propylamine	8.06	70	75824	36.75	ng		95
20) 3+4-Methylphenols	8.07	107	117594	37.22	ng	#	67
22) Acetophenone	8.06	105	166707	40.39	ng	#	94
24) Nitrobenzene	8.26	77	111580	36.90	ng		93
25) Isophorone	8.56	82	219617	36.86	ng	#	93
26) 2-Nitrophenol	8.66	139	56442	40.96	ng	#	78
27) 2,4-Dimethylphenol	8.72	122	100466	37.62	ng		99
28) bis(2-Chloroethoxy)methane	8.84	93	137097	37.76	ng		97
29) 2,4-Dichlorophenol	8.96	162	90245	38.57	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	92654	37.71	ng		94
31) Naphthalene	9.17	128	332545	38.99	ng		99
32) Benzoic acid	8.82	122	11179m	6.93	ng		
33) 4-Chloroaniline	9.24	127	55454	14.96	ng		95
34) Hexachlorobutadiene	9.32	225	47373	35.68	ng		96
35) Caprolactam	9.65	113	31706	40.89	ng	#	83
36) 4-Chloro-3-methylphenol	9.84	107	96037	37.41	ng	#	87
37) 2-Methylnaphthalene	10.02	142	231225	39.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	86670	41.14	ng		98
40) Hexachlorocyclopentadiene	10.22	237	93972	73.43	ng		96

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Misc :
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Instrument : BNA_F
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Quant Time: Nov 17 04:46:40 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	61235	36.55	ng		97
43) 2,4,5-Trichlorophenol	10.42	196	67082	38.45	ng		98
45) 1,1'-Biphenyl	10.61	154	274035	39.64	ng		96
46) 2-Chloronaphthalene	10.63	162	218182	40.36	ng		93
47) 2-Nitroaniline	10.76	65	66426	40.84	ng	#	63
48) Acenaphthylene	11.14	152	377720	42.38	ng		100
49) Dimethylphthalate	10.98	163	282161	40.27	ng		99
50) 2,6-Dinitrotoluene	11.06	165	56245	40.76	ng	#	59
51) Acenaphthene	11.36	154	205185	38.14	ng		99
52) 3-Nitroaniline	11.26	138	40563	24.93	ng		83
53) 2,4-Dinitrophenol	11.40	184	38214	56.69	ng	#	78
54) Dibenzofuran	11.58	168	295212	38.40	ng	#	89
55) 4-Nitrophenol	11.48	139	100464	77.24	ng		90
56) 2,4-Dinitrotoluene	11.56	165	73517	40.55	ng	#	78
57) Fluorene	12.00	166	249210	40.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	51961	37.52	ng	#	96
59) Diethylphthalate	11.87	149	260800	35.87	ng		98
60) 4-Chlorophenyl-phenylether	12.00	204	101773	38.07	ng		97
61) 4-Nitroaniline	12.03	138	65279	40.13	ng	#	76
62) Azobenzene	12.20	77	236547	36.98	ng		95
64) 4,6-Dinitro-2-methylphenol	12.06	198	30369	32.53	ng	#	56
65) n-Nitrosodiphenylamine	12.15	169	210749	36.10	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	62794	36.16	ng	#	73
67) Hexachlorobenzene	12.68	284	71796	36.41	ng		96
68) Atrazine	12.81	200	62953	34.75	ng		99
69) Pentachlorophenol	12.93	266	69290	55.98	ng		97
70) Phenanthrene	13.20	178	364792	37.55	ng		98
71) Anthracene	13.26	178	374587	37.31	ng		99
72) Carbazole	13.47	167	367334	37.39	ng		100
73) Di-n-butylphthalate	13.90	149	458536	33.79	ng		99
74) Fluoranthene	14.68	202	388871	37.38	ng		98
76) Benzidine	14.85	184	171244	28.77	ng		99
77) Pyrene	14.96	202	409978	37.68	ng		99
79) Butylbenzylphthalate	15.77	149	207233	33.91	ng		99
80) Benzo(a)anthracene	16.45	228	374070	38.05	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	75686	20.85	ng		97
82) Chrysene	16.49	228	361773	42.54	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	304759	31.66	ng		99
84) Di-n-octyl phthalate	17.26	149	550410	32.48	ng		96
85) Indeno(1,2,3-cd)pyrene	19.75	276	419729m	40.69	ng		
87) Benzo(b)fluoranthene	17.73	252	391774	38.87	ng	#	95
88) Benzo(k)fluoranthene	17.75	252	354197m	39.16	ng		
89) Benzo(a)pyrene	18.12	252	360505	39.97	ng		98
90) Dibenzo(a,h)anthracene	19.77	278	371589	39.45	ng		98
91) Benzo(g,h,i)perylene	20.22	276	358671	39.97	ng		96

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

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