Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075531.D
Acq On : 15 Nov 2014 10:11
Operator : TP / JJ
Sample : F4709-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E-COMPMS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:41 PM

Quant Time: Nov 16 03:06:53 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	90502	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	396431	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	199187	20.00	ng		0.00
63) Phenanthrene-d10	13.16	188	340296	20.00	ng		0.00
75) Chrysene-d12	16.45	240	356905	20.00	ng		-0.01
86) Perylene-d12	18.16	264	372274	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	412156	80.45	ng		0.01
7) Phenol-d6	7.10	99	497391	80.74	ng		0.01
23) Nitrobenzene-d5	8.24	82	320951	59.36	ng		0.00
41) 2,4,6-Tribromophenol	12.29	330	134487	80.61	ng		-0.01
44) 2-Fluorobiphenyl	10.47	172	607527	55.11	ng		-0.01
78) Terphenyl-d14	15.16	244	666169	50.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	42645	19.83	ng		94
3) Pyridine	3.30	79	94767m	16.40	ng		
4) n-Nitrosodimethylamine	3.20	42	74074m	24.22	ng		
6) Aniline	7.13	93	79874	8.98	ng		99
8) 2-Chlorophenol	7.28	128	151919	25.62	ng		97
10) Phenol	7.11	94	177415	23.61	ng		85
11) bis(2-Chloroethyl)ether	7.24	93	158132	27.78	ng	#	81
12) 1,3-Dichlorobenzene	7.48	146	148167	22.93	ng		99
13) 1,4-Dichlorobenzene	7.57	146	152257	23.16	ng		100
14) 1,2-Dichlorobenzene	7.76	146	143797	23.33	ng	#	89
15) Benzyl Alcohol	7.73	79	125617	25.98	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.90	45	305493	25.93	ng		97
17) 2-Methylphenol	7.86	107	126576	25.79	ng		96
18) Hexachloroethane	8.17	117	53841	23.89	ng		95
19) n-Nitroso-di-n-propylamine	8.06	70	114929	27.38	ng		92
20) 3+4-Methylphenols	8.06	107	156879	24.41	ng		87
22) Acetophenone	8.06	105	223645	26.15	ng		98
24) Nitrobenzene	8.26	77	171478	27.37	ng		98
25) Isophorone	8.56	82	319442	25.87	ng		99
26) 2-Nitrophenol	8.65	139	70978	24.86	ng		96
27) 2,4-Dimethylphenol	8.71	122	137560	24.86	ng		99
28) bis(2-Chloroethoxy)methane	8.84	93	200842	26.70	ng		100
29) 2,4-Dichlorophenol	8.95	162	124218	25.62	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	120046	23.58	ng		99
31) Naphthalene	9.16	128	470435	26.62	ng		100
32) Benzoic acid	8.80	122	90872	27.18	ng		96
33) 4-Chloroaniline	9.22	127	29150	3.80	ng		99
34) Hexachlorobutadiene	9.30	225	60668	22.05	ng		99
35) Caprolactam	9.64	113	34730	21.62	ng		93
36) 4-Chloro-3-methylphenol	9.82	107	129218	24.29	ng		93
37) 2-Methylnaphthalene	10.01	142	306547	25.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	111888	27.33	ng		97
40) Hexachlorocyclopentadiene	10.21	237	137044	55.10	ng		96
42) 2,4,6-Trichlorophenol	10.37	196	82624	25.38	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.40	196	84187	24.83	ng	#	80
45) 1,1'-Biphenyl	10.60	154	359493	26.76	ng		99
46) 2-Chloronaphthalene	10.62	162	287464	27.36	ng		97
47) 2-Nitroaniline	10.75	65	96196	30.43	ng	#	85
48) Acenaphthylene	11.13	152	493199	28.47	ng		99
49) Dimethylphthalate	10.99	163	342390	25.15	ng		98
50) 2,6-Dinitrotoluene	11.05	165	75466	28.14	ng	#	78
51) Acenaphthene	11.35	154	309229	29.58	ng		99
52) 3-Nitroaniline	11.26	138	24493	7.74	ng	#	75
53) 2,4-Dinitrophenol	11.39	184	67125	52.60	ng	#	78
54) Dibenzofuran	11.57	168	415266	27.79	ng		93
55) 4-Nitrophenol	11.45	139	132032	52.23	ng		87
56) 2,4-Dinitrotoluene	11.55	165	101664	28.85	ng	#	65
57) Fluorene	11.99	166	331957	27.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	72526	26.94	ng	#	94
59) Diethylphthalate	11.85	149	335630	23.75	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	139052	26.76	ng	#	82
61) 4-Nitroaniline	12.01	138	76992	24.35	ng		80
62) Azobenzene	12.20	77	330689	26.60	ng		86
64) 4,6-Dinitro-2-methylphenol	12.05	198	44468	25.84	ng	#	73
65) n-Nitrosodiphenylamine	12.14	169	266582	24.77	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	85309	26.65	ng	#	94
67) Hexachlorobenzene	12.67	284	97630	26.85	ng	#	87
68) Atrazine	12.81	200	67874	20.32	ng		95
69) Pentachlorophenol	12.92	266	121405	53.20	ng		97
70) Phenanthrene	13.19	178	516933	28.86	ng		100
71) Anthracene	13.25	178	502173	27.13	ng		99
72) Carbazole	13.45	167	484999	26.78	ng		100
73) Di-n-butylphthalate	13.90	149	599058	23.94	ng		100
74) Fluoranthene	14.67	202	527616	27.51	ng		100
76) Benzidine	14.84	184	182178	16.05	ng		97
77) Pyrene	14.95	202	565728	27.27	ng		99
79) Butylbenzylphthalate	15.76	149	266505	22.87	ng		90
80) Benzo(a)anthracene	16.44	228	515930	27.52	ng		99
81) 3,3'-Dichlorobenzidine	16.40	252	85732	12.38	ng		99
82) Chrysene	16.48	228	488979	30.15	ng		99
83) Bis(2-ethylhexyl)phthalate	16.47	149	384810	20.97	ng	#	98
84) Di-n-octyl phthalate	17.25	149	695827	21.53	ng		99
85) Indeno(1,2,3-cd)pyrene	19.72	276	604893m	30.75	ng		
87) Benzo(b)fluoranthene	17.71	252	535761	26.92	ng	#	95
88) Benzo(k)fluoranthene	17.74	252	522642m	29.26	ng		
89) Benzo(a)pyrene	18.09	252	505239	28.37	ng		98
90) Dibenzo(a,h)anthracene	19.74	278	526183	28.29	ng	#	95
91) Benzo(g,h,i)perylene	20.17	276	521238	29.41	ng		95

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

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