Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075577.D
Acq On : 16 Nov 2014 11:40
Operator : TP / JJ
Sample : F4648-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:41 PM

Quant Time: Nov 17 04:57:27 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	43823	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	181772	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	97108	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	162815	20.00	ng		0.00
75) Chrysene-d12	16.46	240	166917	20.00	ng		-0.02
86) Perylene-d12	18.21	264	169242	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	467354	188.40	ng		0.01
7) Phenol-d6	7.11	99	567617	190.28	ng		0.00
23) Nitrobenzene-d5	8.25	82	332082	133.94	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	145221	178.55	ng		-0.01
44) 2-Fluorobiphenyl	10.48	172	654977	121.88	ng		0.00
78) Terphenyl-d14	15.17	244	694305	111.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	49111	47.16	ng		97
3) Pyridine	3.28	79	111914m	40.00	ng		
4) n-Nitrosodimethylamine	3.19	42	80366m	54.26	ng		
6) Aniline	7.14	93	98543	22.87	ng		95
8) 2-Chlorophenol	7.29	128	162448	56.58	ng		100
9) Benzaldehyde	7.00	77	8635	4.30	ng		97
10) Phenol	7.13	94	228458	62.78	ng		88
11) bis(2-Chloroethyl)ether	7.24	93	157927	57.30	ng		91
12) 1,3-Dichlorobenzene	7.48	146	165722	52.97	ng		94
13) 1,4-Dichlorobenzene	7.58	146	176616	55.49	ng		95
14) 1,2-Dichlorobenzene	7.76	146	170174	57.02	ng		94
15) Benzyl Alcohol	7.73	79	129610	55.35	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	329772	57.79	ng		96
17) 2-Methylphenol	7.88	107	129673	54.55	ng		98
18) Hexachloroethane	8.18	117	60864	55.77	ng	#	79
19) n-Nitroso-di-n-propylamine	8.06	70	113498	55.84	ng	#	95
20) 3+4-Methylphenols	8.07	107	176167	56.61	ng	#	70
22) Acetophenone	8.06	105	247501	63.12	ng	#	93
24) Nitrobenzene	8.28	77	171383	59.65	ng	#	84
25) Isophorone	8.57	82	331225	58.51	ng		94
26) 2-Nitrophenol	8.66	139	87328	66.70	ng	#	80
27) 2,4-Dimethylphenol	8.72	122	143013	56.36	ng		98
28) bis(2-Chloroethoxy)methane	8.85	93	209944	60.86	ng		98
29) 2,4-Dichlorophenol	8.96	162	134395	60.46	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	132116	56.60	ng	#	94
31) Naphthalene	9.17	128	504761	62.29	ng		100
32) Benzoic acid	8.84	122	5487	3.58	ng		94
33) 4-Chloroaniline	9.24	127	95371	27.09	ng		96
34) Hexachlorobutadiene	9.32	225	70174	55.63	ng		96
35) Caprolactam	9.65	113	48498	65.83	ng	#	86
36) 4-Chloro-3-methylphenol	9.84	107	150346	61.64	ng		91
37) 2-Methylnaphthalene	10.02	142	342479	61.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	126210	63.23	ng		99
40) Hexachlorocyclopentadiene	10.22	237	138515	114.23	ng		95

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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	94286	59.40	ng		99
43) 2,4,5-Trichlorophenol	10.42	196	98249	59.43	ng	#	94
45) 1,1'-Biphenyl	10.61	154	404191	61.71	ng		97
46) 2-Chloronaphthalene	10.63	162	321956	62.86	ng		95
47) 2-Nitroaniline	10.76	65	103504	67.17	ng	#	78
48) Acenaphthylene	11.14	152	541583	64.13	ng		99
49) Dimethylphthalate	10.98	163	387771	58.42	ng		98
50) 2,6-Dinitrotoluene	11.06	165	84102	64.32	ng	#	68
51) Acenaphthene	11.36	154	306689	60.17	ng		98
52) 3-Nitroaniline	11.27	138	71105	46.12	ng	#	79
53) 2,4-Dinitrophenol	11.40	184	64418	85.40	ng		82
54) Dibenzofuran	11.58	168	436400	59.90	ng		90
55) 4-Nitrophenol	11.49	139	157055	127.43	ng	#	59
56) 2,4-Dinitrotoluene	11.56	165	109259	63.61	ng	#	70
57) Fluorene	12.00	166	350839	59.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	78490	59.81	ng	#	94
59) Diethylphthalate	11.86	149	370292	53.75	ng		99
60) 4-Chlorophenyl-phenylether	12.00	204	142953	56.43	ng		99
61) 4-Nitroaniline	12.02	138	89749	58.23	ng		85
62) Azobenzene	12.20	77	341646	56.37	ng		96
64) 4,6-Dinitro-2-methylphenol	12.06	198	49325	59.90	ng	#	44
65) n-Nitrosodiphenylamine	12.15	169	297310	57.73	ng		99
66) 4-Bromophenyl-phenylether	12.62	248	88499	57.78	ng		95
67) Hexachlorobenzene	12.68	284	104260	59.94	ng		94
68) Atrazine	12.82	200	97667	61.11	ng		96
69) Pentachlorophenol	12.93	266	109363	100.17	ng		97
70) Phenanthrene	13.20	178	543763	63.46	ng		99
71) Anthracene	13.26	178	530532	59.90	ng		99
72) Carbazole	13.47	167	538558	62.14	ng		99
73) Di-n-butylphthalate	13.90	149	629876	52.62	ng	#	99
74) Fluoranthene	14.68	202	566057	61.68	ng		100
76) Benzidine	14.85	184	133589	25.17	ng		99
77) Pyrene	14.96	202	592289	61.04	ng		100
79) Butylbenzylphthalate	15.77	149	299828	55.02	ng		96
80) Benzo(a)anthracene	16.45	228	537994	61.35	ng		99
81) 3,3'-Dichlorobenzidine	16.43	252	152335	47.05	ng	#	90
82) Chrysene	16.49	228	484194	63.84	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	420480	48.98	ng	#	98
84) Di-n-octyl phthalate	17.27	149	755290	49.98	ng		97
85) Indeno(1,2,3-cd)pyrene	19.77	276	609525m	66.25	ng		
87) Benzo(b)fluoranthene	17.74	252	624100	68.97	ng		99
88) Benzo(k)fluoranthene	17.77	252	421635m	51.92	ng		
89) Benzo(a)pyrene	18.14	252	524687	64.80	ng	#	96
90) Dibenzo(a,h)anthracene	19.80	278	525793	62.19	ng	#	95
91) Benzo(g,h,i)perylene	20.24	276	515623	64.01	ng		98

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

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