Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081150.D
Acq On : 21 Aug 2015 17:39
Operator : UM/IZ
Sample : G3312-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMS

Manual Integrations APPROVED
MMDadoda
8/24/2015 11:23:42 AM

Quant Time: Aug 22 05:16:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	58946	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	233089	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	113352	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	222721	20.00	ng		0.00
75) Chrysene-d12	13.67	240	162705	20.00	ng		0.00
86) Perylene-d12	15.00	264	119926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	422913	107.91	ng		0.02
7) Phenol-d6	6.21	99	567722	111.03	ng		0.00
23) Nitrobenzene-d5	7.13	82	381252	74.72	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	95765	97.46	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	551756	63.78	ng		0.00
78) Terphenyl-d14	12.63	244	482243	63.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	49323	26.71	ng		94
3) Pyridine	2.62	79	117852	22.61	ng	#	82
4) n-Nitrosodimethylamine	2.56	42	94993	32.73	ng		86
6) Aniline	6.22	93	171425	23.06	ng	#	43
8) 2-Chlorophenol	6.34	128	151938	35.42	ng		83
9) Benzaldehyde	6.09	77	70756	21.46	ng		99
10) Phenol	6.23	94	195220	32.33	ng	#	72
11) bis(2-Chloroethyl)ether	6.31	93	164247	35.45	ng		95
12) 1,3-Dichlorobenzene	6.49	146	142245	30.86	ng	#	90
13) 1,4-Dichlorobenzene	6.57	146	145073	31.79	ng		95
14) 1,2-Dichlorobenzene	6.73	146	133147m	31.17	ng		
15) Benzyl Alcohol	6.71	79	135068	32.65	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	319541	35.09	ng		98
17) 2-Methylphenol	6.84	107	127723	34.70	ng		95
18) Hexachloroethane	7.06	117	53605	29.07	ng		92
19) n-Nitroso-di-n-propylamine	6.98	70	121315	34.25	ng		96
20) 3+4-Methylphenols	7.00	107	167457	35.85	ng	#	43
22) Acetophenone	6.97	105	225974	36.93	ng	#	90
24) Nitrobenzene	7.14	77	163504	30.65	ng		94
25) Isophorone	7.40	82	332842	34.98	ng	#	95
26) 2-Nitrophenol	7.46	139	75889	34.20	ng	#	85
27) 2,4-Dimethylphenol	7.52	122	136525	34.78	ng		92
28) bis(2-Chloroethoxy)methane	7.61	93	209151	37.21	ng		99
29) 2,4-Dichlorophenol	7.72	162	118075	35.73	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	123782	33.70	ng		96
31) Naphthalene	7.86	128	418144	32.18	ng		99
33) 4-Chloroaniline	7.92	127	125149	22.83	ng		94
34) Hexachlorobutadiene	7.99	225	70471	33.93	ng		99
35) Caprolactam	8.29	113	44063m	38.15	ng		
36) 4-Chloro-3-methylphenol	8.41	107	137653	34.95	ng		99
37) 2-Methylnaphthalene	8.55	142	278056	33.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	120725	33.01	ng		98
40) Hexachlorocyclopentadiene	8.71	237	55285	29.21	ng		99
42) 2,4,6-Trichlorophenol	8.84	196	82301	31.85	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.88	196	90712	35.13	ng		98
45) 1,1'-Biphenyl	9.02	154	355199	35.58	ng		97
46) 2-Chloronaphthalene	9.04	162	268707	33.50	ng		99
47) 2-Nitroaniline	9.14	65	120796	36.80	ng	#	70
48) Acenaphthylene	9.45	152	446920	31.15	ng		99
49) Dimethylphthalate	9.33	163	352750	37.79	ng		99
50) 2,6-Dinitrotoluene	9.38	165	60889	30.38	ng	#	66
51) Acenaphthene	9.62	154	260296	30.30	ng		99
52) 3-Nitroaniline	9.54	138	60180	23.99	ng		99
53) 2,4-Dinitrophenol	9.66	184	12285	15.33	ng	#	62
54) Dibenzofuran	9.78	168	365104	31.72	ng		92
55) 4-Nitrophenol	9.73	139	113449	64.40	ng	#	82
56) 2,4-Dinitrotoluene	9.78	165	83015	31.25	ng	#	65
57) Fluorene	10.13	166	274123	30.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	64329m	32.19	ng		
59) Diethylphthalate	10.02	149	323104	32.70	ng		98
60) 4-Chlorophenyl-phenylether	10.13	204	120359	32.12	ng		96
61) 4-Nitroaniline	10.16	138	84650	33.02	ng		90
62) Azobenzene	10.29	77	395150	34.71	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	16935	12.73	ng		91
65) n-Nitrosodiphenylamine	10.25	169	280315	35.26	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	69871	31.93	ng		96
67) Hexachlorobenzene	10.68	284	79320	35.80	ng	#	89
68) Atrazine	10.78	200	77508	34.99	ng		98
69) Pentachlorophenol	10.87	266	86207	64.84	ng		98
70) Phenanthrene	11.08	178	387680	29.37	ng		99
71) Anthracene	11.13	178	443894	34.56	ng		99
72) Carbazole	11.29	167	450340	36.42	ng		100
73) Di-n-butylphthalate	11.64	149	528771	35.34	ng		99
74) Fluoranthene	12.25	202	453106	31.81	ng		94
76) Benzidine	12.39	184	157373	25.60	ng		98
77) Pyrene	12.48	202	486986	36.82	ng		99
79) Butylbenzylphthalate	13.11	149	211863	37.26	ng	#	60
80) Benzo(a)anthracene	13.66	228	333926	30.60	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	119154	33.71	ng	#	94
82) Chrysene	13.69	228	300696m	30.58	ng		
83) Bis(2-ethylhexyl)phthalate	13.68	149	296982	40.78	ng		100
84) Di-n-octyl phthalate	14.29	149	485333	43.85	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.19	276	246609	35.72	ng	#	94
87) Benzo(b)fluoranthene	14.65	252	344917m	40.66	ng		
88) Benzo(k)fluoranthene	14.68	252	207790m	26.29	ng		
89) Benzo(a)pyrene	14.95	252	262634	35.53	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	211231	36.68	ng	#	95
91) Benzo(g,h,i)perylene	16.54	276	195881	33.52	ng	#	94

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

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