Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081492.D
Acq On : 6 Sep 2015 5:38
Operator : UM/IZ
Sample : G3519-03MS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP208BR-23-25MS

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:06 PM

Quant Time: Sep 07 05:30:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54841	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	207479	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	102680	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	192637	20.00	ng		0.00
75) Chrysene-d12	13.46	240	149278	20.00	ng		0.00
86) Perylene-d12	14.77	264	101577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	464338	131.37	ng		0.02
7) Phenol-d6	6.03	99	675519	144.38	ng		0.00
23) Nitrobenzene-d5	6.94	82	401888	93.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	140198	153.34	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	581805	72.61	ng		0.00
78) Terphenyl-d14	12.43	244	546698	85.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	65323	41.15	ng	#	82
3) Pyridine	2.28	79	181278	41.41	ng	#	89
4) n-Nitrosodimethylamine	2.26	42	118095	48.56	ng	#	73
6) Aniline	6.02	93	174501	26.41	ng	#	72
8) 2-Chlorophenol	6.15	128	193821	49.76	ng		88
9) Benzaldehyde	5.90	77	22576	7.70	ng	#	79
10) Phenol	6.04	94	213092	39.27	ng	#	33
11) bis(2-Chloroethyl)ether	6.11	93	178282	45.54	ng		87
12) 1,3-Dichlorobenzene	6.30	146	192887	46.35	ng	#	92
13) 1,4-Dichlorobenzene	6.38	146	195104	46.04	ng	#	90
14) 1,2-Dichlorobenzene	6.52	146	162552	42.61	ng	#	84
15) Benzyl Alcohol	6.52	79	180256	46.96	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	365907	48.76	ng		81
17) 2-Methylphenol	6.66	107	148565	47.80	ng	#	74
18) Hexachloroethane	6.87	117	75300	45.68	ng		89
19) n-Nitroso-di-n-propylamine	6.81	70	154535	48.53	ng	#	87
20) 3+4-Methylphenols	6.82	107	196945	47.00	ng		88
22) Acetophenone	6.79	105	275513	48.62	ng	#	74
24) Nitrobenzene	6.96	77	217776	48.77	ng	#	63
25) Isophorone	7.21	82	377697	47.22	ng	#	87
26) 2-Nitrophenol	7.28	139	97525	50.10	ng	#	49
27) 2,4-Dimethylphenol	7.35	122	161384	48.00	ng	#	80
28) bis(2-Chloroethoxy)methane	7.43	93	207169	44.84	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	148463	50.93	ng		97
30) 1,2,4-Trichlorobenzene	7.60	180	157056	49.59	ng		98
31) Naphthalene	7.67	128	485373	43.87	ng		98
32) Benzoic acid	7.45	122	10875	6.83	ng	#	64
33) 4-Chloroaniline	7.74	127	80679	17.88	ng	#	85
34) Hexachlorobutadiene	7.79	225	88378	45.85	ng		98
35) Caprolactam	8.12	113	49456m	55.31	ng		
36) 4-Chloro-3-methylphenol	8.25	107	170006	52.10	ng	#	71
37) 2-Methylnaphthalene	8.36	142	354257	49.20	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	135818	41.83	ng		99
40) Hexachlorocyclopentadiene	8.51	237	128473	80.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92923	41.46	ng		100
43) 2,4,5-Trichlorophenol	8.71	196	99864	43.68	ng	#	95
45) 1,1'-Biphenyl	8.83	154	411974	43.61	ng		94
46) 2-Chloronaphthalene	8.84	162	291566	42.74	ng	#	87
47) 2-Nitroaniline	8.96	65	141888	51.03	ng	#	64
48) Acenaphthylene	9.26	152	521973	43.13	ng		97
49) Dimethylphthalate	9.15	163	464334	58.20	ng	#	96
50) 2,6-Dinitrotoluene	9.21	165	78444	43.32	ng		93
51) Acenaphthene	9.43	154	308004	44.74	ng		91
52) 3-Nitroaniline	9.37	138	57098	27.70	ng	#	77
53) 2,4-Dinitrophenol	9.47	184	26027	34.13	ng	#	1
54) Dibenzofuran	9.60	168	442207	43.99	ng	#	91
55) 4-Nitrophenol	9.56	139	110548m	85.36	ng		
56) 2,4-Dinitrotoluene	9.60	165	96473	41.84	ng	#	1
57) Fluorene	9.93	166	303011	39.72	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	81651m	46.78	ng		
59) Diethylphthalate	9.84	149	344724	41.08	ng		93
60) 4-Chlorophenyl-phenylether	9.94	204	159164	44.76	ng		98
61) 4-Nitroaniline	9.98	138	74368	35.71	ng	#	21
62) Azobenzene	10.09	77	384305	41.19	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	48546	45.06	ng		94
65) n-Nitrosodiphenylamine	10.07	169	298927	42.64	ng		91
66) 4-Bromophenyl-phenylether	10.42	248	96078	49.33	ng		92
67) Hexachlorobenzene	10.48	284	89907	44.15	ng	#	78
68) Atrazine	10.60	200	105850	52.18	ng		83
69) Pentachlorophenol	10.67	266	91629	91.06	ng		98
70) Phenanthrene	10.88	178	459015	42.86	ng		96
71) Anthracene	10.92	178	454991	41.35	ng		98
72) Carbazole	11.10	167	476465	46.15	ng		96
73) Di-n-butylphthalate	11.45	149	596865	48.96	ng	#	99
74) Fluoranthene	12.04	202	484571	41.80	ng		91
76) Benzidine	12.19	184	194926	30.42	ng		97
77) Pyrene	12.27	202	529403	47.88	ng		97
79) Butylbenzylphthalate	12.93	149	239594	49.82	ng		90
80) Benzo(a)anthracene	13.45	228	395312	41.58	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	81414	25.39	ng	#	96
82) Chrysene	13.49	228	322152	37.80	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	291615	45.95	ng	#	88
84) Di-n-octyl phthalate	14.09	149	457347	43.77	ng		97
85) Indeno(1,2,3-cd)pyrene	15.84	276	278315	44.51	ng	#	85
87) Benzo(b)fluoranthene	14.45	252	345409m	47.63	ng		
88) Benzo(k)fluoranthene	14.47	252	252308m	41.93	ng		
89) Benzo(a)pyrene	14.72	252	253893	41.32	ng	#	86
90) Dibenzo(a,h)anthracene	15.85	278	232555	48.98	ng	#	82
91) Benzo(g,h,i)perylene	16.16	276	230017	50.75	ng	#	74

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

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