Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081491.D
Acq On : 6 Sep 2015 5:08
Operator : UM/IZ
Sample : G3419-06MSD
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:57:01 PM

Quant Time: Sep 08 11:13:22 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	55098	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	190301	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	95112	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	175902	20.00	ng		0.00
75) Chrysene-d12	13.46	240	135186	20.00	ng		0.00
86) Perylene-d12	14.77	264	92458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	173086	48.74	ng		0.01
7) Phenol-d6	6.02	99	140848	29.96	ng		-0.01
23) Nitrobenzene-d5	6.94	82	395372	100.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	99579	117.58	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	565873	76.24	ng		0.00
78) Terphenyl-d14	12.43	244	529641	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	26131	16.38	ng	#	75
3) Pyridine	2.28	79	43671	9.93	ng	#	88
4) n-Nitrosodimethylamine	2.22	42	39106	16.01	ng	#	73
6) Aniline	6.02	93	126207	19.01	ng	#	79
8) 2-Chlorophenol	6.14	128	104849	26.79	ng	#	66
9) Benzaldehyde	5.90	77	20379	6.92	ng	#	82
10) Phenol	6.04	94	57822	10.61	ng	#	56
11) bis(2-Chloroethyl)ether	6.11	93	163164	41.49	ng		98
12) 1,3-Dichlorobenzene	6.30	146	156079	37.33	ng	#	94
13) 1,4-Dichlorobenzene	6.38	146	159877	37.55	ng	#	91
14) 1,2-Dichlorobenzene	6.52	146	135608m	35.38	ng		
15) Benzyl Alcohol	6.52	79	101525	26.33	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.66	45	326435	43.30	ng		49
17) 2-Methylphenol	6.66	107	74581	23.89	ng	#	66
18) Hexachloroethane	6.87	117	63860	38.56	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	137106	42.86	ng	#	83
20) 3+4-Methylphenols	6.82	107	84940	20.18	ng		88
22) Acetophenone	6.79	105	245143	47.16	ng	#	76
24) Nitrobenzene	6.96	77	208711	50.95	ng	#	64
25) Isophorone	7.20	82	317198	43.24	ng	#	81
26) 2-Nitrophenol	7.28	139	66730	37.38	ng	#	53
27) 2,4-Dimethylphenol	7.35	122	100486	32.59	ng	#	83
28) bis(2-Chloroethoxy)methane	7.43	93	183863	43.39	ng	#	92
29) 2,4-Dichlorophenol	7.53	162	95259	35.63	ng		96
30) 1,2,4-Trichlorobenzene	7.60	180	129175	44.47	ng		98
31) Naphthalene	7.67	128	418499	41.24	ng		97
32) Benzoic acid	7.46	122	23620	12.70	ng	#	60
33) 4-Chloroaniline	7.74	127	114069	27.56	ng	#	81
34) Hexachlorobutadiene	7.79	225	75467	42.69	ng		97
35) Caprolactam	8.15	113	8299m	10.12	ng		
36) 4-Chloro-3-methylphenol	8.24	107	108996	36.42	ng	#	73
37) 2-Methylnaphthalene	8.36	142	311268	47.13	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	119717	39.80	ng		97
40) Hexachlorocyclopentadiene	8.51	237	113400	76.82	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	64179	30.92	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	69089	32.62	ng	#	92
45) 1,1'-Biphenyl	8.83	154	366567	41.89	ng		95
46) 2-Chloronaphthalene	8.84	162	245535	38.86	ng	#	87
47) 2-Nitroaniline	8.96	65	120394	46.75	ng	#	61
48) Acenaphthylene	9.26	152	449152	40.06	ng		96
49) Dimethylphthalate	9.15	163	339538	45.95	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	68625	40.92	ng	#	88
51) Acenaphthene	9.43	154	278667	43.69	ng		89
52) 3-Nitroaniline	9.37	138	63131	33.06	ng	#	58
53) 2,4-Dinitrophenol	9.48	184	54726	77.47	ng	#	63
54) Dibenzofuran	9.60	168	408177	43.83	ng	#	87
55) 4-Nitrophenol	9.58	139	23229m	19.36	ng		
56) 2,4-Dinitrotoluene	9.60	165	85647	40.10	ng	#	1
57) Fluorene	9.93	166	290716	41.14	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	53180m	32.89	ng		
59) Diethylphthalate	9.84	149	307743	39.59	ng		95
60) 4-Chlorophenyl-phenylether	9.94	204	147048	44.64	ng		96
61) 4-Nitroaniline	9.98	138	67996	35.25	ng	#	24
62) Azobenzene	10.09	77	340699	39.42	ng		80
64) 4,6-Dinitro-2-methylphenol	10.01	198	38537	39.17	ng		95
65) n-Nitrosodiphenylamine	10.07	169	262124	40.95	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	81384	45.76	ng		96
67) Hexachlorobenzene	10.48	284	85668	46.07	ng	#	79
68) Atrazine	10.60	200	76321	41.20	ng		81
69) Pentachlorophenol	10.68	266	71989	79.57	ng		97
70) Phenanthrene	10.88	178	389140	39.79	ng		96
71) Anthracene	10.94	178	416488	41.45	ng		98
72) Carbazole	11.10	167	378029	40.10	ng	#	95
73) Di-n-butylphthalate	11.45	149	519407	46.65	ng	#	98
74) Fluoranthene	12.06	202	451900	42.69	ng		84
77) Pyrene	12.27	202	453389	45.28	ng		99
79) Butylbenzylphthalate	12.93	149	222215	51.02	ng		90
80) Benzo(a)anthracene	13.45	228	349183	40.56	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	65480	22.55	ng	#	96
82) Chrysene	13.49	228	283178	36.69	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	261872	45.56	ng	#	88
84) Di-n-octyl phthalate	14.09	149	397370	41.99	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	266687	47.10	ng	#	84
87) Benzo(b)fluoranthene	14.45	252	305148m	46.23	ng		
88) Benzo(k)fluoranthene	14.47	252	207333m	37.85	ng		
89) Benzo(a)pyrene	14.72	252	233799	41.80	ng	#	87
90) Dibenzo(a,h)anthracene	15.85	278	217267	50.27	ng	#	81
91) Benzo(g,h,i)perylene	16.16	276	220458	53.44	ng	#	76

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

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