Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081508.D
Acq On : 6 Sep 2015 14:16
Operator : UM/IZ
Sample : G3472-07MSD
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB003MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:58:20 PM

Quant Time: Sep 07 06:49:01 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 05:41:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52107	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	186999	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	83988	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	135549	20.00	ng		0.00
75) Chrysene-d12	13.47	240	98772	20.00	ng		0.01
86) Perylene-d12	14.79	264	87262	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	347534	103.48	ng		0.02
7) Phenol-d6	6.03	99	436314	98.15	ng		0.00
23) Nitrobenzene-d5	6.94	82	268678	69.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	68696	91.86	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	395911	60.41	ng		-0.01
78) Terphenyl-d14	12.43	244	252702	59.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	42537	28.20	ng	#	80
3) Pyridine	2.27	79	102369	24.61	ng	#	86
4) n-Nitrosodimethylamine	2.23	42	84134	36.41	ng	#	65
6) Aniline	6.02	93	94109	14.99	ng	#	70
8) 2-Chlorophenol	6.15	128	127483	34.45	ng		87
9) Benzaldehyde	5.90	77	90062	32.33	ng	#	84
10) Phenol	6.04	94	149205	28.94	ng	#	19
11) bis(2-Chloroethyl)ether	6.11	93	147057	39.54	ng		92
12) 1,3-Dichlorobenzene	6.30	146	134094	33.91	ng	#	92
13) 1,4-Dichlorobenzene	6.38	146	134588	33.43	ng	#	90
14) 1,2-Dichlorobenzene	6.52	146	113624	31.34	ng	#	85
15) Benzyl Alcohol	6.52	79	119901	32.88	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	254685	35.72	ng	#	1
17) 2-Methylphenol	6.66	107	102073	34.57	ng	#	74
18) Hexachloroethane	6.87	117	51747	33.04	ng		93
19) n-Nitroso-di-n-propylamine	6.80	70	98910	32.69	ng	#	90
20) 3+4-Methylphenols	6.82	107	135697	34.08	ng		88
22) Acetophenone	6.79	105	189947	37.19	ng	#	74
24) Nitrobenzene	6.96	77	161176	40.04	ng	#	66
25) Isophorone	7.20	82	252661	35.05	ng	#	80
26) 2-Nitrophenol	7.28	139	61452	35.03	ng	#	51
27) 2,4-Dimethylphenol	7.35	122	115028	37.96	ng	#	81
28) bis(2-Chloroethoxy)methane	7.43	93	145022	34.83	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	97930	37.27	ng		93
30) 1,2,4-Trichlorobenzene	7.60	180	105210	36.86	ng		96
31) Naphthalene	7.67	128	481201	48.25	ng		98
32) Benzoic acid	7.45	122	19440	11.05	ng	#	51
33) 4-Chloroaniline	7.75	127	56867	13.98	ng	#	85
34) Hexachlorobutadiene	7.80	225	60737	34.96	ng		96
35) Caprolactam	8.11	113	34086	42.30	ng	#	2
36) 4-Chloro-3-methylphenol	8.25	107	111534	37.92	ng	#	78
37) 2-Methylnaphthalene	8.36	142	325915	50.22	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	87832	33.07	ng	#	98
40) Hexachlorocyclopentadiene	8.51	237	12829	9.84	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	58314	31.81	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	59108	31.61	ng	#	69
45) 1,1'-Biphenyl	8.83	154	277209	35.88	ng		94
46) 2-Chloronaphthalene	8.84	162	186942	33.50	ng	#	87
47) 2-Nitroaniline	8.96	65	87104	38.30	ng	#	68
48) Acenaphthylene	9.26	152	373835	37.76	ng		96
49) Dimethylphthalate	9.14	163	330875	50.71	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	39263	26.51	ng		94
51) Acenaphthene	9.43	154	285143	50.63	ng		90
52) 3-Nitroaniline	9.37	138	40487	24.01	ng	#	81
53) 2,4-Dinitrophenol	9.48	184	4663	7.47	ng	#	28
54) Dibenzofuran	9.60	168	378483	46.03	ng	#	86
55) 4-Nitrophenol	9.56	139	60907m	57.50	ng		
56) 2,4-Dinitrotoluene	9.60	165	56957	30.20	ng	#	1
57) Fluorene	9.93	166	289649	46.42	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	45515	31.88	ng	#	82
59) Diethylphthalate	9.84	149	220297	32.09	ng		95
60) 4-Chlorophenyl-phenylether	9.94	204	101893	35.03	ng		96
61) 4-Nitroaniline	9.98	138	47039	27.61	ng	#	46
62) Azobenzene	10.09	77	239610	31.40	ng		88
64) 4,6-Dinitro-2-methylphenol	10.01	198	5771	7.61	ng	#	58
65) n-Nitrosodiphenylamine	10.06	169	196935	39.93	ng		94
66) 4-Bromophenyl-phenylether	10.42	248	51347	37.46	ng		98
67) Hexachlorobenzene	10.48	284	47420	33.09	ng	#	88
68) Atrazine	10.60	200	49253	34.51	ng		83
69) Pentachlorophenol	10.68	266	49348	71.75	ng		99
70) Phenanthrene	10.89	178	1194777	158.55	ng		95
71) Anthracene	10.94	178	508828	65.72	ng		97
72) Carbazole	11.10	167	328592	45.23	ng	#	94
73) Di-n-butylphthalate	11.45	149	339746	39.60	ng	#	98
74) Fluoranthene	12.07	202	1445486	177.19	ng		92
77) Pyrene	12.29	202	1234250m	168.69	ng		
79) Butylbenzylphthalate	12.94	149	371552	116.77	ng		97
80) Benzo(a)anthracene	13.46	228	812733	129.21	ng		92
81) 3,3'-Dichlorobenzidine	13.44	252	30555	14.40	ng		97
82) Chrysene	13.51	228	648126	114.95	ng		92
83) Bis(2-ethylhexyl)phthalate	13.50	149	227033	54.07	ng	#	90
84) Di-n-octyl phthalate	14.10	149	260031	37.61	ng		95
85) Indeno(1,2,3-cd)pyrene	15.87	276	331287	80.08	ng	#	84
87) Benzo(b)fluoranthene	14.47	252	882233m	141.61	ng		
88) Benzo(k)fluoranthene	14.49	252	268693m	51.98	ng		
89) Benzo(a)pyrene	14.74	252	515254	97.60	ng	#	85
90) Dibenzo(a,h)anthracene	15.89	278	195858	48.01	ng	#	75
91) Benzo(g,h,i)perylene	16.19	276	260223	66.84	ng	#	74

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

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