Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080152.D
Acq On : 25 Jun 2015 3:06
Operator : TP/IZ
Sample : G2747-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-76(11-13)MSD

Quant Time: Jun 25 11:59:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	52569	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	201226	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	100598	20.00	ng		0.00
63) Phenanthrene-d10	11.88	188	192021	20.00	ng		-0.01
75) Chrysene-d12	14.79	240	195669	20.00	ng		-0.14
86) Perylene-d12	16.63	264	198700	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	472213	159.01	ng		0.01
7) Phenol-d6	6.93	99	630006	159.42	ng		0.01
23) Nitrobenzene-d5	7.88	82	379343	109.75	ng		0.00
41) 2,4,6-Tribromophenol	11.18	330	145814	148.23	ng		0.01
44) 2-Fluorobiphenyl	9.68	172	510891	72.42	ng		0.00
78) Terphenyl-d14	13.54	244	482171	57.55	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	49504	35.07	ng		86
3) Pyridine	4.01	79	151488	40.35	ng	#	83
4) n-Nitrosodimethylamine	3.93	42	83386	46.74	ng		92
6) Aniline	6.97	93	146516	26.95	ng		94
8) 2-Chlorophenol	7.10	128	172402	50.23	ng		90
9) Benzaldehyde	6.86	77	98464	43.16	ng	#	76
10) Phenol	6.94	94	233865	54.23	ng		83
11) bis(2-Chloroethyl)ether	7.03	93	158896	46.44	ng		98
12) 1,3-Dichlorobenzene	7.26	146	196368m	47.62	ng		
13) 1,4-Dichlorobenzene	7.34	146	182469	46.53	ng		98
14) 1,2-Dichlorobenzene	7.49	146	180984m	47.43	ng		
15) Benzyl Alcohol	7.44	79	158772	49.14	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.58	45	251725	49.56	ng		90
17) 2-Methylphenol	7.54	107	134400	45.84	ng	#	83
18) Hexachloroethane	7.84	117	62419	47.81	ng	#	67
19) n-Nitroso-di-n-propylamine	7.72	70	121736	44.37	ng	#	77
20) 3+4-Methylphenols	7.70	107	189701	50.14	ng	#	86
22) Acetophenone	7.72	105	244399	52.12	ng	#	85
24) Nitrobenzene	7.89	77	175024	49.06	ng	#	60
25) Isophorone	8.13	82	341881	49.15	ng	#	87
26) 2-Nitrophenol	8.22	139	85129	57.01	ng	#	92
27) 2,4-Dimethylphenol	8.24	122	154976	49.77	ng		88
28) bis(2-Chloroethoxy)methane	8.33	93	224724	54.98	ng	#	93
29) 2,4-Dichlorophenol	8.46	162	143861	53.95	ng		95
30) 1,2,4-Trichlorobenzene	8.55	180	151761	50.11	ng		97
31) Naphthalene	8.63	128	541636m	51.48	ng		
32) Benzoic acid	8.30	122	69043m	36.67	ng		
33) 4-Chloroaniline	8.66	127	74794m	16.61	ng		
34) Hexachlorobutadiene	8.74	225	95188	51.05	ng		98
35) Caprolactam	9.01	113	45198	52.22	ng	#	79
36) 4-Chloro-3-methylphenol	9.14	107	144686	48.10	ng		99
37) 2-Methylnaphthalene	9.33	142	361009	53.05	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	151970	51.91	ng		98
40) Hexachlorocyclopentadiene	9.49	237	59197	42.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	112535	56.50	ng		99
43) 2,4,5-Trichlorophenol	9.64	196	114142	49.74	ng	#	93
45) 1,1'-Biphenyl	9.78	154	400395	48.92	ng		93
46) 2-Chloronaphthalene	9.82	162	339433	51.11	ng		96
47) 2-Nitroaniline	9.90	65	96550	52.96	ng	#	66
48) Acenaphthylene	10.24	152	601611	54.28	ng		97
49) Dimethylphthalate	10.07	163	468052	61.89	ng	#	96
50) 2,6-Dinitrotoluene	10.14	165	80468	53.07	ng	#	59
51) Acenaphthene	10.41	154	334766	49.37	ng		91
52) 3-Nitroaniline	10.31	138	60559	34.62	ng	#	66
53) 2,4-Dinitrophenol	10.41	184	23550	41.21	ng	#	1
54) Dibenzofuran	10.58	168	481297	50.02	ng	#	91
55) 4-Nitrophenol	10.46	139	142961	102.24	ng	#	52
56) 2,4-Dinitrotoluene	10.55	165	123137	64.00	ng	#	94
57) Fluorene	10.93	166	376019	49.25	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.70	232	102109	52.70	ng		96
59) Diethylphthalate	10.78	149	388304	50.99	ng		99
60) 4-Chlorophenyl-phenylether	10.92	204	188396	51.35	ng		96
61) 4-Nitroaniline	10.93	138	74294	41.12	ng	#	59
62) Azobenzene	11.08	77	389778	50.28	ng		90
64) 4,6-Dinitro-2-methylphenol	10.96	198	22812	28.43	ng		89
65) n-Nitrosodiphenylamine	11.03	169	335436	53.65	ng		92
66) 4-Bromophenyl-phenylether	11.41	248	106553	52.19	ng	#	90
67) Hexachlorobenzene	11.49	284	112992	49.80	ng	#	79
68) Atrazine	11.54	200	102292	51.78	ng		83
69) Pentachlorophenol	11.68	266	139696	108.64	ng		99
70) Phenanthrene	11.91	178	623620	53.64	ng		97
71) Anthracene	11.96	178	571368	51.04	ng		97
72) Carbazole	12.10	167	483331	45.23	ng		95
73) Di-n-butylphthalate	12.44	149	643345	52.10	ng	#	99
74) Fluoranthene	13.16	202	667500	53.91	ng		89
76) Benzidine	13.28	184	152186	27.83	ng	#	97
77) Pyrene	13.41	202	744584	61.81	ng		96
79) Butylbenzylphthalate	14.07	149	275276	56.90	ng	#	72
80) Benzo(a)anthracene	14.78	228	699670	58.70	ng	#	92
81) 3,3'-Dichlorobenzidine	14.72	252	164080	39.91	ng	#	94
82) Chrysene	14.83	228	625513m	56.91	ng		
83) Bis(2-ethylhexyl)phthalate	14.75	149	447819	58.57	ng	#	95
84) Di-n-octyl phthalate	15.52	149	754904	57.62	ng	#	94
85) Indeno(1,2,3-cd)pyrene	18.47	276	672880	48.54	ng	#	89
87) Benzo(b)fluoranthene	16.09	252	756572	62.89	ng	#	88
88) Benzo(k)fluoranthene	16.13	252	524173	42.79	ng	#	89
89) Benzo(a)pyrene	16.55	252	655583m	57.38	ng		
90) Dibenzo(a,h)anthracene	18.49	278	528079	45.16	ng	#	82
91) Benzo(g,h,i)perylene	19.03	276	574127	48.62	ng	#	79

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

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