Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081639.D
Acq On : 15 Sep 2015 21:02
Operator : UM/IZ
Sample : G3612-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 16 01:48:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-20MS

Manual Integrations APPROVED
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9/16/2015 1:24:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51001	20.00	ng		0.00
21) Naphthalene-d8	11.12	136	204078	20.00	ng		0.00
38) Acenaphthene-d10	15.26	164	94045	20.00	ng		0.00
63) Phenanthrene-d10	18.76	188	172349	20.00	ng		0.00
75) Chrysene-d12	23.38	240	116505	20.00	ng		0.00
86) Perylene-d12	24.81	264	88634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	342824	104.29	ng		0.02
7) Phenol-d6	7.65	99	478391	109.95	ng		0.00
23) Nitrobenzene-d5	9.52	82	313034	74.01	ng		-0.01
41) 2,4,6-Tribromophenol	17.17	330	90555	108.14	ng		0.00
44) 2-Fluorobiphenyl	13.76	172	539553	73.52	ng		-0.01
78) Terphenyl-d14	22.10	244	381745	76.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	35073m	23.76	ng		
3) Pyridine	2.11	79	105330	25.87	ng	#	80
4) n-Nitrosodimethylamine	2.08	42	88020	38.92	ng	#	58
6) Aniline	7.52	93	98897	16.10	ng	#	85
8) 2-Chlorophenol	7.77	128	129561	35.77	ng		84
9) Benzaldehyde	7.23	77	68895	25.27	ng	#	79
10) Phenol	7.67	94	176668	35.01	ng	#	55
11) bis(2-Chloroethyl)ether	7.75	93	140581	38.62	ng	#	79
12) 1,3-Dichlorobenzene	8.07	146	130045	33.60	ng	#	89
13) 1,4-Dichlorobenzene	8.25	146	133416	33.86	ng	#	90
14) 1,2-Dichlorobenzene	8.57	146	128586	36.24	ng	#	90
15) Benzyl Alcohol	8.65	79	130325	36.51	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.97	45	291647	41.79	ng		96
17) 2-Methylphenol	9.01	107	108726	37.62	ng	#	81
18) Hexachloroethane	9.31	117	50883	33.19	ng	#	85
19) n-Nitroso-di-n-propylamine	9.28	70	114092	38.53	ng	#	90
20) 3+4-Methylphenols	9.38	107	140570	36.07	ng		88
22) Acetophenone	9.20	105	199961	35.87	ng	#	75
24) Nitrobenzene	9.55	77	161914	36.86	ng	#	63
25) Isophorone	10.15	82	288543	36.67	ng	#	84
26) 2-Nitrophenol	10.29	139	64705	33.80	ng	#	26
27) 2,4-Dimethylphenol	10.57	122	119785	36.22	ng	#	79
28) bis(2-Chloroethoxy)methane	10.75	93	171681	37.78	ng	#	92
29) 2,4-Dichlorophenol	10.91	162	105278	36.71	ng		93
30) 1,2,4-Trichlorobenzene	11.03	180	111384	35.76	ng		97
31) Naphthalene	11.17	128	384724	35.35	ng		98
32) Benzoic acid	10.95	122	12728m	7.65	ng		
33) 4-Chloroaniline	11.41	127	49275	11.10	ng	#	84
34) Hexachlorobutadiene	11.52	225	72047	38.00	ng		98
35) Caprolactam	12.31	113	31705m	36.05	ng		
36) 4-Chloro-3-methylphenol	12.73	107	127870	39.84	ng	#	75
37) 2-Methylnaphthalene	12.82	142	257339	36.33	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	108725	36.56	ng		99
40) Hexachlorocyclopentadiene	13.20	237	25012	17.14	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	73880	35.99	ng		98
43) 2,4,5-Trichlorophenol	13.69	196	76943	36.74	ng	#	91
45) 1,1'-Biphenyl	13.97	154	308094	35.61	ng		96
46) 2-Chloronaphthalene	13.96	162	225967	36.16	ng	#	86
47) 2-Nitroaniline	14.30	65	96608	37.94	ng	#	58
48) Acenaphthylene	14.90	152	384580	34.69	ng		98
49) Dimethylphthalate	14.85	163	415910	56.92	ng	#	97
50) 2,6-Dinitrotoluene	14.94	165	55553	33.50	ng	#	22
51) Acenaphthene	15.34	154	220509	34.97	ng		90
52) 3-Nitroaniline	15.29	138	41099	21.77	ng	#	43
53) 2,4-Dinitrophenol	15.60	184	9392	16.89	ng	#	36
54) Dibenzofuran	15.76	168	337739	36.68	ng	#	87
55) 4-Nitrophenol	15.92	139	79110	66.70	ng	#	2
56) 2,4-Dinitrotoluene	15.90	165	75708	35.85	ng	#	67
57) Fluorene	16.57	166	260432	37.27	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.13	232	59664	37.32	ng	#	91
59) Diethylphthalate	16.54	149	311401	40.52	ng		94
60) 4-Chlorophenyl-phenylether	16.66	204	127047	39.01	ng	#	86
61) 4-Nitroaniline	16.77	138	49686	26.05	ng	#	22
62) Azobenzene	17.03	77	330100	38.63	ng		84
64) 4,6-Dinitro-2-methylphenol	16.86	198	14522	15.06	ng	#	68
65) n-Nitrosodiphenylamine	16.98	169	227576	36.29	ng		94
66) 4-Bromophenyl-phenylether	17.81	248	67698	38.85	ng		94
67) Hexachlorobenzene	17.85	284	66343	36.41	ng	#	81
68) Atrazine	18.39	200	78238	43.11	ng	#	79
69) Pentachlorophenol	18.40	266	54953	63.92	ng		99
70) Phenanthrene	18.81	178	352794	36.82	ng		98
71) Anthracene	18.94	178	336382	34.17	ng		98
72) Carbazole	19.42	167	311762	33.75	ng		96
73) Di-n-butylphthalate	20.47	149	459914	42.16	ng	#	98
74) Fluoranthene	21.43	202	312856	30.16	ng		89
76) Benzidine	21.75	184	118621	23.72	ng		97
77) Pyrene	21.77	202	315532	36.56	ng		99
79) Butylbenzylphthalate	22.80	149	150171	40.01	ng	#	76
80) Benzo(a)anthracene	23.37	228	256554	34.58	ng		96
81) 3,3'-Dichlorobenzidine	23.37	252	70084	28.00	ng		98
82) Chrysene	23.42	228	238081	35.80	ng		96
83) Bis(2-ethylhexyl)phthalate	23.50	149	222840	44.99	ng	#	93
84) Di-n-octyl phthalate	24.15	149	374000	45.86	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.88	276	144770	29.67	ng	#	84
87) Benzo(b)fluoranthene	24.48	252	242087m	38.26	ng		
88) Benzo(k)fluoranthene	24.50	252	180390m	34.36	ng		
89) Benzo(a)pyrene	24.77	252	194993	36.36	ng	#	88
90) Dibenzo(a,h)anthracene	25.88	278	124745	30.11	ng	#	83
91) Benzo(g,h,i)perylene	26.17	276	109596	27.71	ng	#	75

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

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