Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080523.D
Acq On : 16 Jul 2015 21:43
Operator : TP/UM
Sample : G2925-08MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-E4MSD

Quant Time: Jul 17 11:39:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	21850	20.00	ng		0.00
21) Naphthalene-d8	8.36	136	92515	20.00	ng		0.00
38) Acenaphthene-d10	10.12	164	42712	20.00	ng		0.00
63) Phenanthrene-d10	11.61	188	79206	20.00	ng		0.00
75) Chrysene-d12	14.35	240	64508	20.00	ng		-0.08
86) Perylene-d12	15.99	264	66510	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	153169	119.50	ng		0.01
7) Phenol-d6	6.72	99	196419	112.85	ng		0.00
23) Nitrobenzene-d5	7.64	82	138867	88.11	ng		0.00
41) 2,4,6-Tribromophenol	10.91	330	48567	146.14	ng		0.00
44) 2-Fluorobiphenyl	9.44	172	276047	87.95	ng		0.00
78) Terphenyl-d14	13.20	244	227794	73.22	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	20213	31.93	ng		94
3) Pyridine	3.80	79	31092	24.98	ng		86
4) n-Nitrosodimethylamine	3.60	42	30994	38.69	ng		90
6) Aniline	6.75	93	45450	20.25	ng	#	81
8) 2-Chlorophenol	6.86	128	58617	40.77	ng	#	80
9) Benzaldehyde	6.64	77	14012	11.86	ng	#	82
10) Phenol	6.73	94	68834	36.76	ng	#	58
11) bis(2-Chloroethyl)ether	6.81	93	56585	41.51	ng		90
12) 1,3-Dichlorobenzene	7.01	146	64590	35.91	ng	#	92
13) 1,4-Dichlorobenzene	7.09	146	64615	34.74	ng		96
14) 1,2-Dichlorobenzene	7.25	146	58396	35.79	ng		98
15) Benzyl Alcohol	7.23	79	50342	41.44	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.34	45	104112	42.59	ng		59
17) 2-Methylphenol	7.33	107	46287	40.22	ng	#	74
18) Hexachloroethane	7.60	117	18412	33.10	ng	#	62
19) n-Nitroso-di-n-propylamine	7.48	70	42215	39.96	ng	#	82
20) 3+4-Methylphenols	7.49	107	62878	40.44	ng	#	78
22) Acetophenone	7.48	105	89070	43.50	ng	#	78
24) Nitrobenzene	7.66	77	65854	41.39	ng	#	76
25) Isophorone	7.89	82	121066	43.49	ng	#	89
26) 2-Nitrophenol	7.98	139	26848	38.88	ng	#	77
27) 2,4-Dimethylphenol	8.02	122	55081	41.29	ng	#	79
28) bis(2-Chloroethoxy)methane	8.10	93	75984	46.48	ng	#	91
29) 2,4-Dichlorophenol	8.22	162	54346	44.70	ng		97
30) 1,2,4-Trichlorobenzene	8.30	180	52243	37.43	ng		98
31) Naphthalene	8.38	128	181903	40.04	ng		100
32) Benzoic acid	8.11	122	26268	38.16	ng	#	51
33) 4-Chloroaniline	8.44	127	35525	20.11	ng	#	90
34) Hexachlorobutadiene	8.50	225	33563	41.53	ng		98
35) Caprolactam	8.78	113	10528	37.30	ng	#	84
36) 4-Chloro-3-methylphenol	8.92	107	55273	43.05	ng	#	81
37) 2-Methylnaphthalene	9.07	142	121646	44.80	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	56333	41.13	ng		99
40) Hexachlorocyclopentadiene	9.23	237	59791	88.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	37203	45.38	ng		99
43) 2,4,5-Trichlorophenol	9.40	196	38962	44.65	ng		96
45) 1,1'-Biphenyl	9.54	154	145572	41.70	ng		96
46) 2-Chloronaphthalene	9.56	162	114462	43.78	ng	#	93
47) 2-Nitroaniline	9.66	65	32770	48.63	ng	#	53
48) Acenaphthylene	9.98	152	188338	43.00	ng		98
49) Dimethylphthalate	9.84	163	133881	45.70	ng	#	97
50) 2,6-Dinitrotoluene	9.89	165	25353	44.23	ng	#	10
51) Acenaphthene	10.16	154	114544	44.26	ng		88
52) 3-Nitroaniline	10.08	138	19658	31.04	ng	#	44
53) 2,4-Dinitrophenol	10.18	184	22211	73.35	ng	#	67
54) Dibenzofuran	10.33	168	168303	44.98	ng		95
55) 4-Nitrophenol	10.25	139	40819	89.50	ng	#	40
56) 2,4-Dinitrotoluene	10.30	165	37654	45.33	ng	#	93
57) Fluorene	10.67	166	128860	43.87	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.45	232	27555m	43.28	ng		
59) Diethylphthalate	10.53	149	120500	43.61	ng		96
60) 4-Chlorophenyl-phenylether	10.66	204	54913	41.77	ng		89
61) 4-Nitroaniline	10.69	138	25756	41.08	ng	#	45
62) Azobenzene	10.81	77	136924	47.18	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.72	198	13414	34.75	ng	#	70
65) n-Nitrosodiphenylamine	10.77	169	116078	43.09	ng		91
66) 4-Bromophenyl-phenylether	11.14	248	31696	41.09	ng	#	75
67) Hexachlorobenzene	11.22	284	37051	43.44	ng	#	84
68) Atrazine	11.29	200	28968	39.72	ng		82
69) Pentachlorophenol	11.41	266	34561	75.92	ng		100
70) Phenanthrene	11.63	178	188334	42.23	ng		98
71) Anthracene	11.69	178	176445	41.72	ng		99
72) Carbazole	11.85	167	157575	42.48	ng		98
73) Di-n-butylphthalate	12.16	149	165667	38.11	ng	#	99
74) Fluoranthene	12.83	202	183492	43.93	ng		90
76) Benzidine	12.96	184	49076	23.10	ng		98
77) Pyrene	13.07	202	181452	43.13	ng		97
79) Butylbenzylphthalate	13.70	149	64907	43.09	ng	#	94
80) Benzo(a)anthracene	14.34	228	169443	46.81	ng		98
81) 3,3'-Dichlorobenzidine	14.29	252	34676	29.30	ng	#	95
82) Chrysene	14.37	228	151601	43.06	ng		95
83) Bis(2-ethylhexyl)phthalate	14.29	149	94103	42.73	ng	#	89
84) Di-n-octyl phthalate	15.00	149	155001	42.90	ng		99
85) Indeno(1,2,3-cd)pyrene	17.56	276	222581	49.91	ng	#	93
87) Benzo(b)fluoranthene	15.52	252	177722	46.18	ng	#	91
88) Benzo(k)fluoranthene	15.55	252	142886m	36.52	ng		
89) Benzo(a)pyrene	15.92	252	161974	45.00	ng	#	89
90) Dibenzo(a,h)anthracene	17.57	278	185641	46.85	ng	#	84
91) Benzo(g,h,i)perylene	18.04	276	196217	47.69	ng	#	82

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

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