Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079164.D
Acq On : 12 May 2015 18:19
Operator : TP/IZ
Sample : G2175-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-EMS

Quant Time: May 13 01:45:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 00:53:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	53048	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	219627	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	103335	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	197155	20.00	ng		0.00
75) Chrysene-d12	16.16	240	211208	20.00	ng		-0.03
86) Perylene-d12	17.85	264	231843	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	214912	69.74	ng		0.01
7) Phenol-d6	6.84	99	260957	64.06	ng		0.00
23) Nitrobenzene-d5	7.98	82	146128	38.24	ng		0.00
41) 2,4,6-Tribromophenol	12.01	330	89003	79.62	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	265125	35.75	ng		0.00
78) Terphenyl-d14	14.87	244	486209	55.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	20639	15.40	ng	#	20
3) Pyridine	2.99	79	56801	14.49	ng	#	94
4) n-Nitrosodimethylamine	2.88	42	34877m	20.76	ng		
6) Aniline	6.87	93	97732	17.00	ng	#	63
8) 2-Chlorophenol	7.02	128	78149	22.36	ng		94
9) Benzaldehyde	6.73	77	35684	13.00	ng		97
10) Phenol	6.87	94	96913	20.51	ng	#	54
11) bis(2-Chloroethyl)ether	6.97	93	77464	22.36	ng		93
12) 1,3-Dichlorobenzene	7.21	146	86447	22.00	ng	#	91
13) 1,4-Dichlorobenzene	7.30	146	88694	21.94	ng		96
14) 1,2-Dichlorobenzene	7.48	146	86199	22.90	ng		98
15) Benzyl Alcohol	7.46	79	61043	20.19	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.64	45	108369	20.45	ng		95
17) 2-Methylphenol	7.61	107	60211	21.41	ng		97
18) Hexachloroethane	7.91	117	27878	20.02	ng		92
19) n-Nitroso-di-n-propylamine	7.79	70	50940	18.51	ng	#	88
20) 3+4-Methylphenols	7.80	107	73384	19.58	ng	#	46
22) Acetophenone	7.78	105	101463	20.45	ng	#	96
24) Nitrobenzene	8.00	77	76346	20.16	ng	#	84
25) Isophorone	8.30	82	132937	18.76	ng	#	93
26) 2-Nitrophenol	8.39	139	34382	21.93	ng	#	87
27) 2,4-Dimethylphenol	8.46	122	60018	19.13	ng		95
28) bis(2-Chloroethoxy)methane	8.57	93	80262	18.38	ng		98
29) 2,4-Dichlorophenol	8.68	162	56673	20.31	ng		94
30) 1,2,4-Trichlorobenzene	8.79	180	64870	21.17	ng		96
31) Naphthalene	8.88	128	213250	20.38	ng		99
32) Benzoic acid	8.54	122	31744	20.34	ng		84
33) 4-Chloroaniline	8.96	127	77555	17.51	ng		96
34) Hexachlorobutadiene	9.04	225	35969	20.38	ng		98
35) Caprolactam	9.37	113	22934	25.42	ng		98
36) 4-Chloro-3-methylphenol	9.56	107	62505	21.33	ng		95
37) 2-Methylnaphthalene	9.75	142	139596	19.25	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	55790	19.17	ng	#	100
40) Hexachlorocyclopentadiene	9.93	237	12692	8.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.09	196	37539	18.76	ng		95
43) 2,4,5-Trichlorophenol	10.14	196	43677	21.59	ng		93
45) 1,1'-Biphenyl	10.32	154	161698	19.68	ng		99
46) 2-Chloronaphthalene	10.34	162	127933	19.97	ng		99
47) 2-Nitroaniline	10.48	65	42182	22.72	ng	#	68
48) Acenaphthylene	10.86	152	228897	21.76	ng		99
49) Dimethylphthalate	10.71	163	193266	25.48	ng		100
50) 2,6-Dinitrotoluene	10.79	165	35159	23.49	ng	#	65
51) Acenaphthene	11.07	154	130044	20.73	ng		99
52) 3-Nitroaniline	10.98	138	45336	24.25	ng		83
53) 2,4-Dinitrophenol	11.12	184	10146	28.74	ng		97
54) Dibenzofuran	11.29	168	209315	23.10	ng		95
55) 4-Nitrophenol	11.21	139	89513	60.49	ng		81
56) 2,4-Dinitrotoluene	11.28	165	53329	26.95	ng	#	82
57) Fluorene	11.71	166	177829	23.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.44	232	42576	25.76	ng	#	100
59) Diethylphthalate	11.59	149	194305	25.86	ng		99
60) 4-Chlorophenyl-phenylether	11.72	204	75653	22.93	ng		94
61) 4-Nitroaniline	11.74	138	50863	27.19	ng		92
62) Azobenzene	11.92	77	176266	23.81	ng		93
64) 4,6-Dinitro-2-methylphenol	11.78	198	11617	18.99	ng		79
65) n-Nitrosodiphenylamine	11.86	169	159440	24.28	ng		98
66) 4-Bromophenyl-phenylether	12.33	248	52000	25.30	ng	#	90
67) Hexachlorobenzene	12.39	284	60913	25.93	ng	#	87
68) Atrazine	12.54	200	53435	27.99	ng		97
69) Pentachlorophenol	12.64	266	68033	52.12	ng		97
70) Phenanthrene	12.90	178	318574	28.88	ng		100
71) Anthracene	12.97	178	321364	29.70	ng		98
72) Carbazole	13.18	167	352467	34.18	ng		98
73) Di-n-butylphthalate	13.62	149	388018	31.37	ng	#	98
74) Fluoranthene	14.39	202	425356	37.01	ng		92
76) Benzidine	14.56	184	107712	18.92	ng		98
77) Pyrene	14.66	202	443079	36.41	ng		99
79) Butylbenzylphthalate	15.49	149	204584	38.45	ng		95
80) Benzo(a)anthracene	16.15	228	429083	37.10	ng		100
81) 3,3'-Dichlorobenzidine	16.13	252	140894	34.20	ng	#	97
82) Chrysene	16.19	228	397375	35.72	ng		99
83) Bis(2-ethylhexyl)phthalate	16.21	149	301030	37.36	ng		99
84) Di-n-octyl phthalate	16.97	149	491444	34.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.30	276	488521	34.47	ng	#	100
87) Benzo(b)fluoranthene	17.42	252	448717	35.36	ng	#	97
88) Benzo(k)fluoranthene	17.45	252	437533m	35.62	ng		
89) Benzo(a)pyrene	17.78	252	424116	36.30	ng	#	95
90) Dibenzo(a,h)anthracene	19.33	278	384202	30.94	ng		97
91) Benzo(g,h,i)perylene	19.73	276	402521	32.34	ng		97

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

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