Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079343.D
Acq On : 19 May 2015 15:49
Operator : TP/IZ
Sample : PB83467BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83467BS

Quant Time: May 20 05:28:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39726	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	168089	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	81407	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	167123	20.00	ng		0.00
75) Chrysene-d12	16.01	240	180634	20.00	ng		-0.01
86) Perylene-d12	17.77	264	187105	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	312794m	135.54	ng		0.00
7) Phenol-d6	6.70	99	400849	131.40	ng		-0.01
23) Nitrobenzene-d5	7.83	82	227494	77.78	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	126861	144.05	ng		0.00
44) 2-Fluorobiphenyl	10.06	172	475265	81.34	ng		0.00
78) Terphenyl-d14	14.71	244	576845	76.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	38008m	37.88	ng		
3) Pyridine	2.70	79	107565m	36.63	ng		
4) n-Nitrosodimethylamine	2.62	42	44343m	35.24	ng		
6) Aniline	6.72	93	115061	26.72	ng	#	26
8) 2-Chlorophenol	6.86	128	111543	42.61	ng		94
9) Benzaldehyde	6.57	77	24095m	11.72	ng		
10) Phenol	6.72	94	148861	42.07	ng		75
11) bis(2-Chloroethyl)ether	6.82	93	107406	41.40	ng		94
12) 1,3-Dichlorobenzene	7.05	146	118479	40.27	ng	#	95
13) 1,4-Dichlorobenzene	7.15	146	117331	38.75	ng		98
14) 1,2-Dichlorobenzene	7.34	146	113680	40.33	ng		96
15) Benzyl Alcohol	7.31	79	91874m	40.57	ng		
16) 2,2'-oxybis(1-Chloropropan	7.50	45	156523	39.44	ng		96
17) 2-Methylphenol	7.46	107	89175	42.34	ng		95
18) Hexachloroethane	7.75	117	42878	41.11	ng		94
19) n-Nitroso-di-n-propylamine	7.64	70	80460	39.05	ng	#	95
20) 3+4-Methylphenols	7.66	107	122848	43.77	ng	#	47
22) Acetophenone	7.64	105	156840	41.30	ng	#	81
24) Nitrobenzene	7.85	77	115195	39.74	ng	#	78
25) Isophorone	8.15	82	220681	40.70	ng		96
26) 2-Nitrophenol	8.24	139	55166	45.98	ng		94
27) 2,4-Dimethylphenol	8.31	122	102581	42.72	ng		96
28) bis(2-Chloroethoxy)methane	8.43	93	134291	40.18	ng	#	98
29) 2,4-Dichlorophenol	8.54	162	95006	44.50	ng		99
30) 1,2,4-Trichlorobenzene	8.64	180	96467	41.13	ng		99
31) Naphthalene	8.73	128	328289	40.99	ng		100
32) Benzoic acid	8.43	122	68231m	45.71	ng		
33) 4-Chloroaniline	8.81	127	95518	28.18	ng	#	91
34) Hexachlorobutadiene	8.89	225	52051	38.54	ng		98
35) Caprolactam	9.23	113	30368	43.99	ng		94
36) 4-Chloro-3-methylphenol	9.43	107	101145	45.10	ng		94
37) 2-Methylnaphthalene	9.59	142	225603	40.65	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	90348	39.41	ng		97
40) Hexachlorocyclopentadiene	9.78	237	75117	65.16	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	64390	40.85	ng		98
43) 2,4,5-Trichlorophenol	9.99	196	69662	43.71	ng	#	85
45) 1,1'-Biphenyl	10.17	154	271958	42.02	ng		97
46) 2-Chloronaphthalene	10.19	162	216081	42.81	ng		94
47) 2-Nitroaniline	10.33	65	62665	42.84	ng	#	43
48) Acenaphthylene	10.70	152	348244	42.02	ng		99
49) Dimethylphthalate	10.56	163	247834	41.48	ng		100
50) 2,6-Dinitrotoluene	10.64	165	53861	45.68	ng	#	87
51) Acenaphthene	10.91	154	198892	40.24	ng		100
52) 3-Nitroaniline	10.83	138	51541	34.99	ng		100
53) 2,4-Dinitrophenol	10.98	184	39223	79.00	ng	#	53
54) Dibenzofuran	11.13	168	311173	43.58	ng		99
55) 4-Nitrophenol	11.06	139	95707	82.10	ng	#	84
56) 2,4-Dinitrotoluene	11.13	165	70107	44.98	ng	#	48
57) Fluorene	11.55	166	253695	43.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	59292	45.53	ng		97
59) Diethylphthalate	11.44	149	260835	44.07	ng		99
60) 4-Chlorophenyl-phenylether	11.56	204	114583	44.08	ng		100
61) 4-Nitroaniline	11.59	138	64862	44.02	ng		98
62) Azobenzene	11.76	77	251844	43.18	ng		98
64) 4,6-Dinitro-2-methylphenol	11.63	198	29250	43.61	ng	#	30
65) n-Nitrosodiphenylamine	11.71	169	220558	39.63	ng		100
66) 4-Bromophenyl-phenylether	12.17	248	70427	40.43	ng		92
67) Hexachlorobenzene	12.23	284	78588	39.47	ng		90
68) Atrazine	12.39	200	67376	41.63	ng		96
69) Pentachlorophenol	12.48	266	79557	69.30	ng		97
70) Phenanthrene	12.74	178	366563	39.21	ng		100
71) Anthracene	12.81	178	391921	42.73	ng		99
72) Carbazole	13.02	167	390062	44.62	ng		100
73) Di-n-butylphthalate	13.47	149	450963	43.01	ng		100
74) Fluoranthene	14.22	202	417798	42.88	ng		98
76) Benzidine	14.40	184	225919	46.41	ng		97
77) Pyrene	14.50	202	449407	43.17	ng		98
79) Butylbenzylphthalate	15.33	149	203458	44.72	ng	#	82
80) Benzo(a)anthracene	16.00	228	426007	43.07	ng		99
81) 3,3'-Dichlorobenzidine	15.98	252	136520	38.75	ng		98
82) Chrysene	16.05	228	384714	40.44	ng		99
83) Bis(2-ethylhexyl)phthalate	16.06	149	297871	43.22	ng	#	97
84) Di-n-octyl phthalate	16.87	149	533143	43.92	ng		96
85) Indeno(1,2,3-cd)pyrene	19.17	276	520987	42.98	ng		99
87) Benzo(b)fluoranthene	17.31	252	448979	43.84	ng		99
88) Benzo(k)fluoranthene	17.35	252	389468	39.28	ng	#	96
89) Benzo(a)pyrene	17.71	252	421567	44.71	ng	#	97
90) Dibenzo(a,h)anthracene	19.19	278	430997	43.00	ng		98
91) Benzo(g,h,i)perylene	19.57	276	438186	43.62	ng		97

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

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