Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013015\
Data File : BF077148.D
Acq On : 30 Jan 2015 15:49
Operator : TP/IZ
Sample : PB81569BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81569BS

Quant Time: Jan 31 01:28:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 01:17:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31332	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	132789	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	71875	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	125952	20.00	ng		0.00
75) Chrysene-d12	21.14	240	124796	20.00	ng		0.00
86) Perylene-d12	23.06	264	115284m	20.00	ng		0.33
System Monitoring Compounds							
5) 2-Fluorophenol	4.70	112	145764	76.49	ng		0.00
7) Phenol-d6	7.09	99	184656	76.81	ng		0.00
23) Nitrobenzene-d5	8.99	82	116215	48.49	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	42538	72.91	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	230624	48.83	ng		0.00
78) Terphenyl-d14	19.83	244	244835	45.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.13	88	16913	20.73	ng		96
3) Pyridine	1.57	79	47129	22.32	ng		93
4) n-Nitrosodimethylamine	1.53	42	22243	21.27	ng	#	95
6) Aniline	6.97	93	37171	11.17	ng		96
8) 2-Chlorophenol	7.21	128	52604	23.94	ng		97
9) Benzaldehyde	6.70	77	5047	2.64	ng		91
10) Phenol	7.13	94	58902	23.07	ng		93
11) bis(2-Chloroethyl)ether	7.23	93	48331	24.20	ng	#	77
12) 1,3-Dichlorobenzene	7.53	146	59227	23.70	ng		97
13) 1,4-Dichlorobenzene	7.72	146	60457	22.81	ng		93
14) 1,2-Dichlorobenzene	8.03	146	56634	23.19	ng		95
15) Benzyl Alcohol	8.13	79	44739	23.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	61876	23.05	ng		83
17) 2-Methylphenol	8.49	107	42951	23.92	ng		97
18) Hexachloroethane	8.78	117	20804	22.57	ng	#	89
19) n-Nitroso-di-n-propylamine	8.76	70	37967	22.56	ng		98
20) 3+4-Methylphenols	8.88	107	48805	20.53	ng		96
22) Acetophenone	8.68	105	76760	23.60	ng		98
24) Nitrobenzene	9.04	77	56378	23.09	ng		99
25) Isophorone	9.63	82	98265	22.51	ng		97
26) 2-Nitrophenol	9.78	139	26707	22.34	ng	#	91
27) 2,4-Dimethylphenol	10.06	122	46070	24.40	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	59332	23.91	ng	#	97
29) 2,4-Dichlorophenol	10.38	162	42106m	23.93	ng		
30) 1,2,4-Trichlorobenzene	10.51	180	45230	23.14	ng		96
31) Naphthalene	10.64	128	153971	22.52	ng		98
32) Benzoic acid	10.43	122	11210	10.72	ng		88
33) 4-Chloroaniline	10.90	127	40839m	14.78	ng		
34) Hexachlorobutadiene	11.01	225	25825	22.27	ng		95
35) Caprolactam	11.73	113	11292	21.80	ng	#	72
36) 4-Chloro-3-methylphenol	12.20	107	44394	22.03	ng		95
37) 2-Methylnaphthalene	12.29	142	111587	23.90	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.71	216	42541	23.94	ng		97
40) Hexachlorocyclopentadiene	12.68	237	38771	42.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	27904	21.55	ng		95
43) 2,4,5-Trichlorophenol	13.15	196	28203m	21.36	ng		
45) 1,1'-Biphenyl	13.45	154	128313	24.08	ng		99
46) 2-Chloronaphthalene	13.43	162	102571	23.39	ng		96
47) 2-Nitroaniline	13.78	65	32797	24.66	ng		91
48) Acenaphthylene	14.36	152	167098	22.59	ng		99
49) Dimethylphthalate	14.33	163	120451	23.63	ng		98
50) 2,6-Dinitrotoluene	14.42	165	23567	23.14	ng	#	83
51) Acenaphthene	14.79	154	93769	22.35	ng		99
52) 3-Nitroaniline	14.77	138	22249	17.91	ng		91
53) 2,4-Dinitrophenol	15.06	184	15766	39.90	ng	#	90
54) Dibenzofuran	15.22	168	140274	22.95	ng		99
55) 4-Nitrophenol	15.39	139	26597	33.29	ng		92
56) 2,4-Dinitrotoluene	15.36	165	33504	23.09	ng		94
57) Fluorene	15.97	166	120545	23.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	19150	19.92	ng	#	85
59) Diethylphthalate	15.99	149	125449	24.35	ng		99
60) 4-Chlorophenyl-phenylether	16.08	204	49702	23.46	ng		92
61) 4-Nitroaniline	16.13	138	24181	19.70	ng		93
62) Azobenzene	16.36	77	125674	23.41	ng		97
64) 4,6-Dinitro-2-methylphenol	16.21	198	15072	20.64	ng		97
65) n-Nitrosodiphenylamine	16.33	169	100804	22.45	ng		96
66) 4-Bromophenyl-phenylether	16.95	248	29148	22.84	ng		89
67) Hexachlorobenzene	16.96	284	31085	23.12	ng	#	91
68) Atrazine	17.32	200	32340	23.73	ng		98
69) Pentachlorophenol	17.33	266	21827	39.24	ng		99
70) Phenanthrene	17.61	178	171567	21.84	ng		98
71) Anthracene	17.69	178	173351	22.63	ng		98
72) Carbazole	17.97	167	163377	21.99	ng		99
73) Di-n-butylphthalate	18.58	149	196027	22.80	ng		98
74) Fluoranthene	19.27	202	180565	22.43	ng		96
76) Benzidine	19.51	184	82996	20.78	ng		97
77) Pyrene	19.54	202	189598	22.17	ng		99
79) Butylbenzylphthalate	20.50	149	87409	22.57	ng	#	84
80) Benzo(a)anthracene	21.13	228	177862	22.72	ng		99
81) 3,3'-Dichlorobenzidine	21.14	252	37311	14.99	ng	#	96
82) Chrysene	21.17	228	160399	22.46	ng		97
83) Bis(2-ethylhexyl)phthalate	21.31	149	124761	23.28	ng		99
84) Di-n-octyl phthalate	22.19	149	219400m	23.59	ng		
85) Indeno(1,2,3-cd)pyrene	24.44	276	174877m	23.11	ng		
87) Benzo(b)fluoranthene	22.56	252	185682m	23.91	ng		
88) Benzo(k)fluoranthene	22.59	252	131712m	19.42	ng		
89) Benzo(a)pyrene	22.98	252	156306m	22.82	ng		
90) Dibenzo(a,h)anthracene	24.48	278	141951m	22.59	ng		
91) Benzo(g,h,i)perylene	24.77	276	144020m	23.05	ng		

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

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