Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076872.D
Acq On : 14 Jan 2015 22:19
Operator : IZ / TP
Sample : PB81324BS
Misc : S
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81324BS

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:28:16 PM

Quant Time: Jan 15 00:32:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31062	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	131329	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	71094	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	123553	20.00	ng		0.00
75) Chrysene-d12	21.31	240	123574	20.00	ng		0.00
86) Perylene-d12	23.01	264	111310	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	232872	123.26	ng		0.01
7) Phenol-d6	7.42	99	293384	123.10	ng		0.00
23) Nitrobenzene-d5	9.32	82	177491	74.87	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	73763	127.82	ng		0.00
44) 2-Fluorobiphenyl	13.59	172	361481	77.38	ng		0.00
78) Terphenyl-d14	20.04	244	392428	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.34	88	23910	29.56	ng		94
3) Pyridine	1.83	79	64548	30.84	ng		91
4) n-Nitrosodimethylamine	1.78	42	34074	32.86	ng		97
6) Aniline	7.32	93	64829	19.66	ng		97
8) 2-Chlorophenol	7.56	128	80204	36.83	ng		94
9) Benzaldehyde	7.03	77	28896	19.17	ng		93
10) Phenol	7.44	94	95280	37.65	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	78109	39.45	ng		95
12) 1,3-Dichlorobenzene	7.88	146	89036	35.93	ng		95
13) 1,4-Dichlorobenzene	8.06	146	92048	35.03	ng		98
14) 1,2-Dichlorobenzene	8.38	146	87771	36.25	ng		96
15) Benzyl Alcohol	8.45	79	71739	37.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	95462	35.86	ng		95
17) 2-Methylphenol	8.79	107	65748	36.94	ng		98
18) Hexachloroethane	9.12	117	33990	37.19	ng		98
19) n-Nitroso-di-n-propylamine	9.08	70	59581	35.71	ng		95
20) 3+4-Methylphenols	9.18	107	83910	35.60	ng		94
22) Acetophenone	9.01	105	118278	36.77	ng		98
24) Nitrobenzene	9.36	77	89295	36.98	ng		97
25) Isophorone	9.96	82	154768	35.85	ng		98
26) 2-Nitrophenol	10.09	139	43378	34.90	ng	#	84
27) 2,4-Dimethylphenol	10.37	122	72323	38.73	ng		97
28) bis(2-Chloroethoxy)methane	10.57	93	94753	38.62	ng		98
29) 2,4-Dichlorophenol	10.70	162	70772	40.66	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	69969	36.19	ng		97
31) Naphthalene	10.97	128	241715	35.75	ng		99
32) Benzoic acid	10.71	122	38989m	37.69	ng		
33) 4-Chloroaniline	11.21	127	54211	19.84	ng		99
34) Hexachlorobutadiene	11.34	225	39754	34.66	ng		94
35) Caprolactam	12.05	113	20033m	39.10	ng		
36) 4-Chloro-3-methylphenol	12.52	107	75059	37.67	ng		97
37) 2-Methylnaphthalene	12.63	142	170253	36.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66830	38.02	ng		97
40) Hexachlorocyclopentadiene	13.03	237	71037	77.15	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	45779	35.75	ng		91
43) 2,4,5-Trichlorophenol	13.48	196	48166	36.88	ng		97
45) 1,1'-Biphenyl	13.79	154	196648	37.31	ng		97
46) 2-Chloronaphthalene	13.76	162	161216	37.17	ng		99
47) 2-Nitroaniline	14.11	65	52278	39.73	ng		91
48) Acenaphthylene	14.72	152	259991	35.54	ng		99
49) Dimethylphthalate	14.65	163	195808	38.84	ng	#	98
50) 2,6-Dinitrotoluene	14.76	165	41397	41.10	ng		98
51) Acenaphthene	15.15	154	146418	35.28	ng		94
52) 3-Nitroaniline	15.10	138	30237	22.86	ng		83
53) 2,4-Dinitrophenol	15.39	184	34022	77.73	ng		95
54) Dibenzofuran	15.57	168	231766	38.33	ng		99
55) 4-Nitrophenol	15.68	139	60161	76.12	ng		95
56) 2,4-Dinitrotoluene	15.68	165	57906	38.11	ng	#	87
57) Fluorene	16.28	166	192936	37.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	34890	36.69	ng	#	98
59) Diethylphthalate	16.27	149	201958	39.63	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	84042	40.10	ng		98
61) 4-Nitroaniline	16.40	138	42961	33.70	ng		93
62) Azobenzene	16.64	77	204303	38.48	ng		98
64) 4,6-Dinitro-2-methylphenol	16.47	198	26274	32.76	ng		77
65) n-Nitrosodiphenylamine	16.60	169	158209	35.91	ng		98
66) 4-Bromophenyl-phenylether	17.19	248	47892	38.26	ng		95
67) Hexachlorobenzene	17.21	284	50768	38.49	ng		92
68) Atrazine	17.56	200	59731	44.68	ng		96
69) Pentachlorophenol	17.57	266	43119	74.28	ng		92
70) Phenanthrene	17.85	178	279345	36.26	ng		98
71) Anthracene	17.92	178	278988	37.13	ng		99
72) Carbazole	18.21	167	271198	37.21	ng		99
73) Di-n-butylphthalate	18.79	149	343714	40.75	ng		99
74) Fluoranthene	19.49	202	293698	37.20	ng		98
76) Benzidine	19.72	184	147380	37.27	ng		99
77) Pyrene	19.77	202	319618	37.74	ng		99
79) Butylbenzylphthalate	20.70	149	151908	39.61	ng		97
80) Benzo(a)anthracene	21.29	228	284963	36.75	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	47155	19.14	ng		98
82) Chrysene	21.34	228	267369	37.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.44	149	221982	41.83	ng		98
84) Di-n-octyl phthalate	22.22	149	393817	42.76	ng		99
85) Indeno(1,2,3-cd)pyrene	24.19	276	283388m	37.82	ng		
87) Benzo(b)fluoranthene	22.57	252	287478	38.35	ng		99
88) Benzo(k)fluoranthene	22.61	252	244298m	37.30	ng		
89) Benzo(a)pyrene	22.95	252	254747	38.52	ng		99
90) Dibenzo(a,h)anthracene	24.21	278	235293	38.78	ng	#	93
91) Benzo(g,h,i)perylene	24.48	276	232410	38.53	ng	#	93

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

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