Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077052.D
Acq On : 26 Jan 2015 14:03
Operator : TP/IZ
Sample : PB81263BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Manual Integrations APPROVED
apatel
1/28/2015 5:40:32 PM

Quant Time: Jan 27 10:48:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 00:12:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	25722	20.00	ng		0.00
21) Naphthalene-d8	10.68	136	114034	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	62937	20.00	ng		0.00
63) Phenanthrene-d10	17.64	188	106104	20.00	ng		0.00
75) Chrysene-d12	21.15	240	101853	20.00	ng		0.00
86) Perylene-d12	22.78	264	91091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	197548	126.27	ng		0.00
7) Phenol-d6	7.17	99	244945	124.11	ng		0.00
23) Nitrobenzene-d5	9.06	82	151767	73.73	ng		0.00
41) 2,4,6-Tribromophenol	16.52	330	60789	118.99	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	318227	76.95	ng		0.00
78) Terphenyl-d14	19.88	244	328000	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.17	88	18851	28.14	ng		98
3) Pyridine	1.62	79	54636	31.52	ng		89
4) n-Nitrosodimethylamine	1.58	42	29863	34.78	ng	#	89
6) Aniline	7.05	93	67335	24.65	ng		98
8) 2-Chlorophenol	7.29	128	71059	39.40	ng		99
9) Benzaldehyde	6.77	77	21555	17.06	ng		99
10) Phenol	7.20	94	84695	40.41	ng		94
11) bis(2-Chloroethyl)ether	7.30	93	66566	40.59	ng	#	83
12) 1,3-Dichlorobenzene	7.61	146	76026	37.05	ng		93
13) 1,4-Dichlorobenzene	7.80	146	78585	36.12	ng		95
14) 1,2-Dichlorobenzene	8.12	146	76002	37.91	ng		96
15) Benzyl Alcohol	8.21	79	62101	38.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	85758	38.91	ng		95
17) 2-Methylphenol	8.55	107	57048	38.71	ng		98
18) Hexachloroethane	8.86	117	29373	38.81	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	52474	37.98	ng		98
20) 3+4-Methylphenols	8.94	107	71769	36.77	ng		93
22) Acetophenone	8.76	105	105020	37.60	ng		99
24) Nitrobenzene	9.11	77	77871	37.14	ng		99
25) Isophorone	9.70	82	136990	36.54	ng		99
26) 2-Nitrophenol	9.85	139	36111	34.16	ng	#	86
27) 2,4-Dimethylphenol	10.13	122	64969	40.07	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	84589	39.70	ng		99
29) 2,4-Dichlorophenol	10.45	162	60206	39.84	ng		94
30) 1,2,4-Trichlorobenzene	10.58	180	63713	37.96	ng		98
31) Naphthalene	10.72	128	211668	36.05	ng		99
32) Benzoic acid	10.49	122	26048	29.00	ng		89
33) 4-Chloroaniline	10.97	127	52871	22.29	ng		96
34) Hexachlorobutadiene	11.09	225	35689	35.83	ng		92
35) Caprolactam	11.82	113	17687m	39.75	ng		
36) 4-Chloro-3-methylphenol	12.28	107	65300	37.74	ng		96
37) 2-Methylnaphthalene	12.38	142	155089	38.68	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	60729	39.03	ng		96
40) Hexachlorocyclopentadiene	12.77	237	66630	79.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	40683	35.88	ng		94
43) 2,4,5-Trichlorophenol	13.21	196	40888	35.36	ng		97
45) 1,1'-Biphenyl	13.53	154	177852	38.12	ng		99
46) 2-Chloronaphthalene	13.51	162	142661	37.16	ng		97
47) 2-Nitroaniline	13.85	65	43710	37.53	ng	#	81
48) Acenaphthylene	14.45	152	231175	35.70	ng		99
49) Dimethylphthalate	14.41	163	170575	38.22	ng		99
50) 2,6-Dinitrotoluene	14.51	165	35700	40.03	ng		99
51) Acenaphthene	14.87	154	132137	35.96	ng		98
52) 3-Nitroaniline	14.85	138	28921	25.71	ng		90
53) 2,4-Dinitrophenol	15.13	184	30612	74.16	ng		91
54) Dibenzofuran	15.31	168	204520	38.21	ng		99
55) 4-Nitrophenol	15.44	139	49303	70.47	ng		94
56) 2,4-Dinitrotoluene	15.44	165	48380	36.71	ng	#	87
57) Fluorene	16.05	166	170366	37.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	33959	40.33	ng	#	96
59) Diethylphthalate	16.06	149	179491	39.79	ng		98
60) 4-Chlorophenyl-phenylether	16.15	204	72738	39.20	ng		91
61) 4-Nitroaniline	16.20	138	34867	31.52	ng		92
62) Azobenzene	16.44	77	182203	38.77	ng		98
64) 4,6-Dinitro-2-methylphenol	16.28	198	23814	35.82	ng		97
65) n-Nitrosodiphenylamine	16.39	169	142002	37.53	ng		97
66) 4-Bromophenyl-phenylether	17.01	248	42731	39.75	ng	#	80
67) Hexachlorobenzene	17.02	284	43305	38.23	ng		95
68) Atrazine	17.39	200	50996	44.42	ng		92
69) Pentachlorophenol	17.39	266	40019	77.27	ng		97
70) Phenanthrene	17.67	178	242089	36.59	ng		99
71) Anthracene	17.74	178	239312	37.09	ng		99
72) Carbazole	18.04	167	238090	38.04	ng		99
73) Di-n-butylphthalate	18.63	149	290611	40.12	ng		98
74) Fluoranthene	19.32	202	251872	37.15	ng		98
76) Benzidine	19.56	184	104549	32.08	ng		99
77) Pyrene	19.60	202	262135	37.55	ng		99
79) Butylbenzylphthalate	20.54	149	126777	40.10	ng		94
80) Benzo(a)anthracene	21.13	228	229349	35.89	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	53190	26.19	ng	#	96
82) Chrysene	21.17	228	210376	36.10	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	185939	42.51	ng	#	96
84) Di-n-octyl phthalate	22.05	149	319325	42.06	ng		100
85) Indeno(1,2,3-cd)pyrene	23.85	276	224472	36.35	ng	#	83
87) Benzo(b)fluoranthene	22.37	252	247687	40.37	ng		99
88) Benzo(k)fluoranthene	22.40	252	177181m	33.06	ng		
89) Benzo(a)pyrene	22.71	252	201193	37.18	ng	#	96
90) Dibenzo(a,h)anthracene	23.88	278	186137	37.49	ng	#	96
91) Benzo(g,h,i)perylene	24.13	276	193636	39.23	ng		94

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

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