Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077695.D
Acq On : 11 Mar 2015 19:03
Operator : TP/IZ
Sample : PB82059BS
Misc : S
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82059BS

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:25 AM

Quant Time: Mar 12 05:32:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57765	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	245320	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	127742	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	233930	20.00	ng		0.00
75) Chrysene-d12	16.03	240	254978	20.00	ng		0.00
86) Perylene-d12	17.77	264	253195	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	418886	126.58	ng		0.00
7) Phenol-d6	6.74	99	536842	131.30	ng		0.00
23) Nitrobenzene-d5	7.86	82	283863	75.85	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	139551	114.18	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	653651	75.20	ng		0.00
78) Terphenyl-d14	14.75	244	755133	72.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	49567	32.99	ng	#	100
3) Pyridine	2.76	79	148702	36.83	ng		98
4) n-Nitrosodimethylamine	2.69	42	62902	35.78	ng		97
6) Aniline	6.75	93	96111	16.43	ng	#	1
8) 2-Chlorophenol	6.90	128	160401	40.72	ng		98
9) Benzaldehyde	6.61	77	16332	9.75	ng		95
10) Phenol	6.75	94	196114	40.58	ng		83
11) bis(2-Chloroethyl)ether	6.86	93	147839	40.84	ng		98
12) 1,3-Dichlorobenzene	7.09	146	166744	38.06	ng		99
13) 1,4-Dichlorobenzene	7.20	146	167143	36.72	ng		98
14) 1,2-Dichlorobenzene	7.38	146	158463	37.97	ng		99
15) Benzyl Alcohol	7.36	79	128775	40.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	190176	38.98	ng		100
17) 2-Methylphenol	7.50	107	129437	40.36	ng		98
18) Hexachloroethane	7.79	117	56119	37.59	ng		98
19) n-Nitroso-di-n-propylamine	7.69	70	105871	37.43	ng		98
20) 3+4-Methylphenols	7.70	107	169764	40.34	ng		98
22) Acetophenone	7.68	105	210262	38.72	ng	#	100
24) Nitrobenzene	7.88	77	149613	37.11	ng		98
25) Isophorone	8.19	82	284093	37.59	ng		97
26) 2-Nitrophenol	8.28	139	78687	39.86	ng		98
27) 2,4-Dimethylphenol	8.35	122	146937	40.86	ng		98
28) bis(2-Chloroethoxy)methane	8.46	93	176611	38.50	ng		98
29) 2,4-Dichlorophenol	8.58	162	140169	40.89	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	140397	36.61	ng		99
31) Naphthalene	8.77	128	468627	37.19	ng		100
32) Benzoic acid	8.46	122	76343	38.70	ng		90
33) 4-Chloroaniline	8.85	127	77252	15.11	ng		98
34) Hexachlorobutadiene	8.93	225	77948	35.86	ng		98
35) Caprolactam	9.26	113	41149	41.08	ng		98
36) 4-Chloro-3-methylphenol	9.46	107	146163	42.38	ng		96
37) 2-Methylnaphthalene	9.63	142	327332	38.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	146133	38.35	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	142970	75.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	101145	38.32	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	107981	37.87	ng		97
45) 1,1'-Biphenyl	10.21	154	404794	39.64	ng		100
46) 2-Chloronaphthalene	10.23	162	312721	37.68	ng	#	92
47) 2-Nitroaniline	10.36	65	84363	40.93	ng		99
48) Acenaphthylene	10.74	152	487212	35.31	ng		100
49) Dimethylphthalate	10.60	163	364141	38.43	ng		100
50) 2,6-Dinitrotoluene	10.67	165	78172	39.80	ng		99
51) Acenaphthene	10.96	154	289502	36.59	ng		99
52) 3-Nitroaniline	10.88	138	46614	20.44	ng		97
53) 2,4-Dinitrophenol	11.01	184	57662	79.93	ng	#	63
54) Dibenzofuran	11.17	168	450481	38.39	ng		99
55) 4-Nitrophenol	11.09	139	138190	81.79	ng	#	82
56) 2,4-Dinitrotoluene	11.17	165	103540	40.43	ng	#	69
57) Fluorene	11.60	166	369859	37.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	86367	39.34	ng	#	100
59) Diethylphthalate	11.48	149	373676	40.48	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	173338	38.98	ng		98
61) 4-Nitroaniline	11.63	138	84117	37.00	ng		96
62) Azobenzene	11.80	77	380558	43.13	ng		99
64) 4,6-Dinitro-2-methylphenol	11.67	198	43374	40.05	ng		98
65) n-Nitrosodiphenylamine	11.76	169	324863	41.71	ng		100
66) 4-Bromophenyl-phenylether	12.21	248	106248	42.56	ng		98
67) Hexachlorobenzene	12.27	284	112131	40.88	ng		99
68) Atrazine	12.43	200	102419	46.92	ng		99
69) Pentachlorophenol	12.52	266	117791	81.91	ng		98
70) Phenanthrene	12.79	178	522653	38.92	ng		100
71) Anthracene	12.84	178	500708	37.74	ng		100
72) Carbazole	13.05	167	470360	37.27	ng		99
73) Di-n-butylphthalate	13.51	149	533552	37.70	ng		100
74) Fluoranthene	14.26	202	536001	36.19	ng		99
76) Benzidine	14.43	184	180066	28.41	ng		99
77) Pyrene	14.53	202	559364	34.89	ng		100
79) Butylbenzylphthalate	15.37	149	235792	37.30	ng		99
80) Benzo(a)anthracene	16.02	228	570798	37.76	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	111824	22.43	ng		96
82) Chrysene	16.07	228	532065	39.15	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	390701	40.80	ng	#	99
84) Di-n-octyl phthalate	16.88	149	672773	41.09	ng		100
85) Indeno(1,2,3-cd)pyrene	19.15	276	569504m	33.57	ng		
87) Benzo(b)fluoranthene	17.32	252	543675	32.89	ng	#	97
88) Benzo(k)fluoranthene	17.36	252	551473	42.71	ng		97
89) Benzo(a)pyrene	17.70	252	526684	38.19	ng	#	97
90) Dibenzo(a,h)anthracene	19.19	278	465762	34.05	ng		99
91) Benzo(g,h,i)perylene	19.56	276	464934	33.39	ng		98

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

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