Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077916.D
Acq On : 24 Mar 2015 17:27
Operator : TP/IZ
Sample : PB82241BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82241BSD

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:12 PM

Quant Time: Mar 25 01:39:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	41741	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	173890	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	85550	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	161126	20.00	ng		0.00
75) Chrysene-d12	15.99	240	175624	20.00	ng		0.01
86) Perylene-d12	17.76	264	164864	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	194687	81.41	ng		0.00
7) Phenol-d6	6.69	99	251797	85.23	ng		0.00
23) Nitrobenzene-d5	7.81	82	189354	71.38	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	58623	71.62	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	438781	75.38	ng		0.00
78) Terphenyl-d14	14.69	244	510881	71.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	33367	30.73	ng	#	100
3) Pyridine	2.68	79	86422	29.63	ng		99
4) n-Nitrosodimethylamine	2.61	42	44164	34.77	ng	#	98
6) Aniline	6.70	93	87182	20.63	ng	#	13
8) 2-Chlorophenol	6.85	128	117456	41.26	ng		87
9) Benzaldehyde	6.57	77	3946	3.26	ng		85
10) Phenol	6.70	94	140369	40.19	ng		96
11) bis(2-Chloroethyl)ether	6.81	93	108445	41.46	ng		91
12) 1,3-Dichlorobenzene	7.04	146	123695	39.07	ng		98
13) 1,4-Dichlorobenzene	7.14	146	124672	37.90	ng		98
14) 1,2-Dichlorobenzene	7.32	146	119942	39.77	ng		98
15) Benzyl Alcohol	7.31	79	87763	38.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.48	45	145802	41.36	ng		97
17) 2-Methylphenol	7.46	107	95994	41.43	ng		99
18) Hexachloroethane	7.73	117	42778	39.65	ng		94
19) n-Nitroso-di-n-propylamine	7.64	70	79801	39.04	ng	#	93
20) 3+4-Methylphenols	7.65	107	120725	39.70	ng		99
22) Acetophenone	7.63	105	158927	41.28	ng	#	92
24) Nitrobenzene	7.84	77	118092	41.32	ng		89
25) Isophorone	8.13	82	208395	38.90	ng		95
26) 2-Nitrophenol	8.22	139	53969	38.57	ng	#	83
27) 2,4-Dimethylphenol	8.30	122	102235	40.11	ng		98
28) bis(2-Chloroethoxy)methane	8.42	93	134530	41.37	ng		99
29) 2,4-Dichlorophenol	8.53	162	96398	39.68	ng		97
30) 1,2,4-Trichlorobenzene	8.62	180	100914	37.12	ng		97
31) Naphthalene	8.72	128	335706	37.59	ng		100
32) Benzoic acid	8.42	122	41065	30.11	ng		97
33) 4-Chloroaniline	8.80	127	72255	19.94	ng	#	91
34) Hexachlorobutadiene	8.88	225	59873	38.86	ng		97
35) Caprolactam	9.23	113	28730	40.46	ng	#	76
36) 4-Chloro-3-methylphenol	9.41	107	100289	41.02	ng		87
37) 2-Methylnaphthalene	9.57	142	231707	38.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	99586	39.03	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	101282	79.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	65287	36.94	ng		98
43) 2,4,5-Trichlorophenol	9.98	196	75045	39.30	ng	#	93
45) 1,1'-Biphenyl	10.16	154	274117	40.08	ng		96
46) 2-Chloronaphthalene	10.18	162	221239	39.81	ng		95
47) 2-Nitroaniline	10.32	65	60012	43.48	ng		93
48) Acenaphthylene	10.68	152	350494	37.92	ng		100
49) Dimethylphthalate	10.56	163	265493	41.84	ng		99
50) 2,6-Dinitrotoluene	10.62	165	58520	44.49	ng		87
51) Acenaphthene	10.90	154	197030	37.18	ng		99
52) 3-Nitroaniline	10.82	138	39629	25.94	ng	#	71
53) 2,4-Dinitrophenol	10.96	184	38752	80.18	ng		99
54) Dibenzofuran	11.12	168	315475	40.14	ng		96
55) 4-Nitrophenol	11.05	139	83381	73.69	ng	#	61
56) 2,4-Dinitrotoluene	11.12	165	75569	44.06	ng		90
57) Fluorene	11.54	166	252239	38.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	60352	41.05	ng	#	100
59) Diethylphthalate	11.43	149	248583	40.21	ng		97
60) 4-Chlorophenyl-phenylether	11.55	204	117323	39.39	ng		91
61) 4-Nitroaniline	11.57	138	57775	37.95	ng		76
62) Azobenzene	11.75	77	239736	40.57	ng		94
64) 4,6-Dinitro-2-methylphenol	11.62	198	29570	39.69	ng		79
65) n-Nitrosodiphenylamine	11.70	169	220726	41.14	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	71534	41.60	ng	#	93
67) Hexachlorobenzene	12.21	284	76917	40.71	ng		98
68) Atrazine	12.37	200	64766	43.08	ng		96
69) Pentachlorophenol	12.47	266	74106	75.08	ng		99
70) Phenanthrene	12.73	178	383655	41.48	ng		99
71) Anthracene	12.79	178	383365	41.95	ng		99
72) Carbazole	13.00	167	372559	42.86	ng		99
73) Di-n-butylphthalate	13.46	149	407812	41.84	ng		98
74) Fluoranthene	14.20	202	421232	41.29	ng		99
76) Benzidine	14.39	184	124596	28.54	ng		99
77) Pyrene	14.48	202	439691	39.81	ng		100
79) Butylbenzylphthalate	15.31	149	177053	40.66	ng		90
80) Benzo(a)anthracene	15.97	228	417377	40.09	ng		100
81) 3,3'-Dichlorobenzidine	15.95	252	100517	29.27	ng	#	96
82) Chrysene	16.02	228	391249	41.80	ng		99
83) Bis(2-ethylhexyl)phthalate	16.04	149	288179	43.69	ng	#	96
84) Di-n-octyl phthalate	16.85	149	467481	41.45	ng		100
85) Indeno(1,2,3-cd)pyrene	19.13	276	437814	37.47	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	438509m	40.74	ng		
88) Benzo(k)fluoranthene	17.33	252	349899	41.62	ng		98
89) Benzo(a)pyrene	17.69	252	386733	43.06	ng	#	95
90) Dibenzo(a,h)anthracene	19.16	278	368124	41.33	ng		99
91) Benzo(g,h,i)perylene	19.54	276	362723	40.00	ng		98

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

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