Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077912.D
Acq On : 24 Mar 2015 14:13
Operator : TP/IZ
Sample : PB82277BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82277BS

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:03 PM

Quant Time: Mar 25 01:27:56 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	38318	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	158854	20.00	ng		0.00
38) Acenaphthene-d10	10.87	164	79779	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	157806	20.00	ng		0.00
75) Chrysene-d12	15.97	240	174032	20.00	ng		0.00
86) Perylene-d12	17.72	264	166219	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	294668	134.23	ng		0.00
7) Phenol-d6	6.69	99	363851	134.15	ng		0.00
23) Nitrobenzene-d5	7.81	82	215231	88.82	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	91787	120.25	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	474779	87.46	ng		0.00
78) Terphenyl-d14	14.69	244	564533	79.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	36994	37.12	ng	#	100
3) Pyridine	2.67	79	104497	39.02	ng		97
4) n-Nitrosodimethylamine	2.61	42	48281	41.41	ng	#	97
6) Aniline	6.70	93	64030	16.50	ng	#	2
8) 2-Chlorophenol	6.85	128	113820	43.56	ng		90
9) Benzaldehyde	6.57	77	5260	4.73	ng		89
10) Phenol	6.70	94	132164	41.22	ng		99
11) bis(2-Chloroethyl)ether	6.81	93	103148	42.95	ng		90
12) 1,3-Dichlorobenzene	7.04	146	116308	40.02	ng		96
13) 1,4-Dichlorobenzene	7.14	146	121091	40.10	ng		98
14) 1,2-Dichlorobenzene	7.32	146	114374	41.31	ng		97
15) Benzyl Alcohol	7.31	79	85867	40.56	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.48	45	136007	42.03	ng		98
17) 2-Methylphenol	7.46	107	90421	42.51	ng		98
18) Hexachloroethane	7.73	117	40854	41.25	ng		94
19) n-Nitroso-di-n-propylamine	7.64	70	76259	40.64	ng	#	94
20) 3+4-Methylphenols	7.65	107	117601	42.13	ng		99
22) Acetophenone	7.63	105	155238	44.14	ng	#	93
24) Nitrobenzene	7.84	77	114826	43.98	ng	#	86
25) Isophorone	8.13	82	200325	40.93	ng		94
26) 2-Nitrophenol	8.22	139	49910	39.05	ng	#	83
27) 2,4-Dimethylphenol	8.30	122	103444	44.42	ng		99
28) bis(2-Chloroethoxy)methane	8.42	93	133513	44.95	ng		99
29) 2,4-Dichlorophenol	8.53	162	95002	42.80	ng		96
30) 1,2,4-Trichlorobenzene	8.62	180	97085	39.09	ng		98
31) Naphthalene	8.72	128	321921	39.46	ng		99
32) Benzoic acid	8.42	122	36172	29.15	ng		96
33) 4-Chloroaniline	8.80	127	54695	16.52	ng	#	92
34) Hexachlorobutadiene	8.88	225	55650	39.54	ng		98
35) Caprolactam	9.23	113	28710	44.26	ng	#	79
36) 4-Chloro-3-methylphenol	9.41	107	97232	43.54	ng		87
37) 2-Methylnaphthalene	9.57	142	223836	40.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	94223	39.60	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	89652	75.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	63064	38.26	ng		97
43) 2,4,5-Trichlorophenol	9.98	196	71958	40.41	ng	#	95
45) 1,1'-Biphenyl	10.16	154	261888	41.06	ng		97
46) 2-Chloronaphthalene	10.18	162	212585	41.02	ng		96
47) 2-Nitroaniline	10.32	65	57692	44.82	ng		97
48) Acenaphthylene	10.68	152	335513	38.93	ng		99
49) Dimethylphthalate	10.56	163	252459	42.67	ng		99
50) 2,6-Dinitrotoluene	10.63	165	53503	43.62	ng		91
51) Acenaphthene	10.90	154	190990	38.65	ng		100
52) 3-Nitroaniline	10.82	138	31643	22.21	ng	#	69
53) 2,4-Dinitrophenol	10.96	184	34106	76.12	ng		98
54) Dibenzofuran	11.12	168	300088	40.94	ng		95
55) 4-Nitrophenol	11.06	139	82756	78.43	ng		96
56) 2,4-Dinitrotoluene	11.12	165	70239	43.92	ng		96
57) Fluorene	11.54	166	245665	40.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	58700	42.81	ng	#	100
59) Diethylphthalate	11.43	149	232716	40.36	ng		95
60) 4-Chlorophenyl-phenylether	11.55	204	110062	39.63	ng		92
61) 4-Nitroaniline	11.57	138	54151	38.14	ng		72
62) Azobenzene	11.75	77	226097	41.03	ng		94
64) 4,6-Dinitro-2-methylphenol	11.62	198	28867	39.57	ng		80
65) n-Nitrosodiphenylamine	11.70	169	208636	39.71	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	69109	41.04	ng	#	92
67) Hexachlorobenzene	12.21	284	74105	40.05	ng		98
68) Atrazine	12.37	200	63133	42.87	ng		93
69) Pentachlorophenol	12.47	266	71103	73.62	ng		97
70) Phenanthrene	12.73	178	376105	41.52	ng		100
71) Anthracene	12.79	178	368435	41.16	ng		99
72) Carbazole	13.00	167	372574	43.76	ng		98
73) Di-n-butylphthalate	13.46	149	387641	40.61	ng		98
74) Fluoranthene	14.20	202	412037	41.24	ng		99
76) Benzidine	14.39	184	154353	35.81	ng		99
77) Pyrene	14.48	202	439758	40.18	ng		100
79) Butylbenzylphthalate	15.31	149	169945	39.39	ng		88
80) Benzo(a)anthracene	15.96	228	412032	39.94	ng		100
81) 3,3'-Dichlorobenzidine	15.95	252	79830	23.46	ng	#	97
82) Chrysene	16.01	228	401888	43.33	ng		99
83) Bis(2-ethylhexyl)phthalate	16.03	149	246404	37.70	ng	#	94
84) Di-n-octyl phthalate	16.83	149	422912	37.84	ng		100
85) Indeno(1,2,3-cd)pyrene	19.09	276	455869	39.37	ng	#	100
87) Benzo(b)fluoranthene	17.28	252	416935m	38.42	ng		
88) Benzo(k)fluoranthene	17.30	252	403325	47.58	ng	#	95
89) Benzo(a)pyrene	17.65	252	398485	44.01	ng	#	96
90) Dibenzo(a,h)anthracene	19.12	278	385254	42.90	ng		98
91) Benzo(g,h,i)perylene	19.49	276	386211	42.24	ng		97

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

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