Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077950.D
Acq On : 25 Mar 2015 11:42
Operator : TP/IZ
Sample : G1613-20MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14MSD

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:46 PM

Quant Time: Mar 25 12:42:00 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 12:23:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42998	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	177733	20.00	ng		0.00
38) Acenaphthene-d10	10.87	164	90828	20.00	ng		0.00
63) Phenanthrene-d10	12.71	188	180268	20.00	ng		0.01
75) Chrysene-d12	15.99	240	190732	20.00	ng		0.00
86) Perylene-d12	17.75	264	189799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	253017	102.71	ng		0.01
7) Phenol-d6	6.70	99	330002	108.43	ng		0.01
23) Nitrobenzene-d5	7.81	82	181956	67.11	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	80774	92.95	ng		0.01
44) 2-Fluorobiphenyl	10.04	172	408232	66.05	ng		0.00
78) Terphenyl-d14	14.69	244	483485	61.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	27234	24.35	ng	#	100
3) Pyridine	2.68	79	69352	23.08	ng		97
4) n-Nitrosodimethylamine	2.60	42	39580	30.25	ng		89
6) Aniline	6.70	93	48978	11.25	ng	#	44
8) 2-Chlorophenol	6.85	128	96342	32.86	ng		99
9) Benzaldehyde	6.57	77	5232	4.20	ng		95
10) Phenol	6.72	94	125855	34.98	ng		78
11) bis(2-Chloroethyl)ether	6.82	93	88953	33.01	ng		98
12) 1,3-Dichlorobenzene	7.05	146	98540m	30.22	ng		
13) 1,4-Dichlorobenzene	7.14	146	101219	29.87	ng		94
14) 1,2-Dichlorobenzene	7.32	146	97257	31.31	ng		95
15) Benzyl Alcohol	7.31	79	76412	32.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	117982	32.49	ng		98
17) 2-Methylphenol	7.47	107	74818	31.34	ng		98
18) Hexachloroethane	7.74	117	28578	25.71	ng	#	82
19) n-Nitroso-di-n-propylamine	7.64	70	66684	31.67	ng		98
20) 3+4-Methylphenols	7.66	107	102214	32.63	ng		98
22) Acetophenone	7.63	105	134415	34.16	ng	#	98
24) Nitrobenzene	7.84	77	94123	32.22	ng		95
25) Isophorone	8.14	82	168981	30.86	ng		96
26) 2-Nitrophenol	8.24	139	35104	24.55	ng		98
27) 2,4-Dimethylphenol	8.30	122	84125	32.29	ng		95
28) bis(2-Chloroethoxy)methane	8.42	93	106620	32.08	ng		99
29) 2,4-Dichlorophenol	8.53	162	79987	32.21	ng		96
30) 1,2,4-Trichlorobenzene	8.64	180	83566	30.08	ng		98
31) Naphthalene	8.73	128	281519	30.84	ng		99
32) Benzoic acid	8.41	122	39767	28.69	ng		95
33) 4-Chloroaniline	8.81	127	56935	15.37	ng		98
34) Hexachlorobutadiene	8.88	225	46731	29.67	ng		96
35) Caprolactam	9.23	113	24031	33.11	ng		96
36) 4-Chloro-3-methylphenol	9.42	107	83258	33.32	ng		94
37) 2-Methylnaphthalene	9.58	142	200639	32.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	85331	31.50	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	16076	14.55	ng		94

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	57056	30.40	ng		99
43) 2,4,5-Trichlorophenol	10.00	196	59744	29.47	ng		99
45) 1,1'-Biphenyl	10.17	154	231410	31.87	ng		99
46) 2-Chloronaphthalene	10.18	162	185889	31.50	ng	#	90
47) 2-Nitroaniline	10.32	65	52494	35.82	ng		85
48) Acenaphthylene	10.69	152	293142	29.88	ng		99
49) Dimethylphthalate	10.56	163	219800	32.63	ng		100
50) 2,6-Dinitrotoluene	10.62	165	40100	28.72	ng	#	86
51) Acenaphthene	10.91	154	170469	30.30	ng		99
52) 3-Nitroaniline	10.83	138	51584	31.81	ng		88
53) 2,4-Dinitrophenol	10.98	184	991	9.80	ng	#	79
54) Dibenzofuran	11.13	168	259639	31.12	ng		98
55) 4-Nitrophenol	11.06	139	66557	55.40	ng	#	67
56) 2,4-Dinitrotoluene	11.13	165	53412	29.33	ng	#	72
57) Fluorene	11.55	166	211698	30.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	49884	31.96	ng	#	100
59) Diethylphthalate	11.44	149	205169	31.26	ng		99
60) 4-Chlorophenyl-phenylether	11.56	204	97299	30.77	ng		91
61) 4-Nitroaniline	11.59	138	54403	33.66	ng		87
62) Azobenzene	11.76	77	199687	31.83	ng		95
64) 4,6-Dinitro-2-methylphenol	11.63	198	1239	5.62	ng		95
65) n-Nitrosodiphenylamine	11.71	169	179260	29.86	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	56847	29.55	ng	#	77
67) Hexachlorobenzene	12.23	284	58262	27.56	ng		96
68) Atrazine	12.39	200	57960	34.46	ng		98
69) Pentachlorophenol	12.48	266	60598	55.71	ng		98
70) Phenanthrene	12.73	178	306059	29.57	ng		99
71) Anthracene	12.80	178	315579	30.87	ng		100
72) Carbazole	13.00	167	298063	30.65	ng		100
73) Di-n-butylphthalate	13.46	149	353088	32.38	ng		99
74) Fluoranthene	14.20	202	346939	30.39	ng		96
76) Benzidine	14.40	184	313147	66.70	ng		100
77) Pyrene	14.49	202	367924	30.68	ng		100
79) Butylbenzylphthalate	15.32	149	156742	33.15	ng		96
80) Benzo(a)anthracene	15.97	228	350955	31.04	ng		99
81) 3,3'-Dichlorobenzidine	15.96	252	122699	32.90	ng	#	97
82) Chrysene	16.02	228	331986	32.66	ng		100
83) Bis(2-ethylhexyl)phthalate	16.04	149	243622	34.01	ng	#	96
84) Di-n-octyl phthalate	16.84	149	423657	34.59	ng		100
85) Indeno(1,2,3-cd)pyrene	19.12	276	350253	27.60	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	380059	30.67	ng		99
88) Benzo(k)fluoranthene	17.32	252	301170m	31.12	ng		
89) Benzo(a)pyrene	17.68	252	335398	32.44	ng	#	97
90) Dibenzo(a,h)anthracene	19.15	278	294570	28.73	ng		100
91) Benzo(g,h,i)perylene	19.53	276	286822	27.48	ng		97

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

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