Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077297.D
Acq On : 12 Feb 2015 22:52
Operator : TP/IZ
Sample : G1272-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MSD

Manual Integrations APPROVED
mohammad
2/13/2015 5:40:37 PM

Quant Time: Feb 13 05:26:16 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 03:50:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	24703	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	107817	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	51304	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	98524	20.00	ng		0.00
75) Chrysene-d12	20.96	240	91098	20.00	ng		0.00
86) Perylene-d12	22.59	264	81750	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	203755	128.47	ng		0.02
7) Phenol-d6	6.93	99	243513	124.55	ng		0.00
23) Nitrobenzene-d5	8.82	82	192132	101.79	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	72967	174.41	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	394509	115.74	ng		0.00
78) Terphenyl-d14	19.70	244	415739	102.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	25902	43.46	ng		97
3) Pyridine	1.47	79	55135	34.91	ng		93
4) n-Nitrosodimethylamine	1.42	42	34737	42.26	ng		89
6) Aniline	6.81	93	16951	6.55	ng		98
8) 2-Chlorophenol	7.04	128	82165	45.83	ng		98
9) Benzaldehyde	6.57	77	3436	2.85	ng	#	84
10) Phenol	6.97	94	70256	34.96	ng		94
11) bis(2-Chloroethyl)ether	7.05	93	77553	48.42	ng		98
12) 1,3-Dichlorobenzene	7.33	146	90025	45.43	ng		98
13) 1,4-Dichlorobenzene	7.54	146	93168	45.59	ng		95
14) 1,2-Dichlorobenzene	7.85	146	89693	46.33	ng		98
15) Benzyl Alcohol	7.96	79	74749	48.27	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.30	45	102945	45.87	ng		91
17) 2-Methylphenol	8.33	107	62632	45.18	ng		99
18) Hexachloroethane	8.59	117	36340	48.96	ng		99
19) n-Nitroso-di-n-propylamine	8.59	70	64805	47.14	ng		98
20) 3+4-Methylphenols	8.72	107	76113m	42.61	ng		
22) Acetophenone	8.51	105	126940	49.02	ng		99
24) Nitrobenzene	8.85	77	86706	46.33	ng		97
25) Isophorone	9.46	82	168889	49.64	ng		97
26) 2-Nitrophenol	9.60	139	42650	45.92	ng		94
27) 2,4-Dimethylphenol	9.90	122	74275	48.57	ng		95
28) bis(2-Chloroethoxy)methane	10.10	93	102452	49.46	ng		99
29) 2,4-Dichlorophenol	10.22	162	65263m	46.71	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	75749	47.95	ng		98
31) Naphthalene	10.45	128	296563	55.73	ng		99
32) Benzoic acid	10.34	122	10066	41.66	ng	#	82
33) 4-Chloroaniline	10.75	127	12409	5.78	ng	#	90
34) Hexachlorobutadiene	10.83	225	42862	47.76	ng		96
35) Caprolactam	11.58	113	14419m	34.99	ng		
36) 4-Chloro-3-methylphenol	12.04	107	72496	46.38	ng		99
37) 2-Methylnaphthalene	12.11	142	192562	48.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	68367	52.95	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	69182	105.91	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	47152m	55.42	ng		
43) 2,4,5-Trichlorophenol	12.99	196	49307m	59.08	ng		
45) 1,1'-Biphenyl	13.27	154	214542	54.27	ng		98
46) 2-Chloronaphthalene	13.23	162	170015	53.85	ng		98
47) 2-Nitroaniline	13.60	65	54388	58.95	ng		96
48) Acenaphthylene	14.18	152	271425	54.49	ng		99
49) Dimethylphthalate	14.16	163	204474	55.11	ng		99
50) 2,6-Dinitrotoluene	14.25	165	41441	57.77	ng		92
51) Acenaphthene	14.60	154	154009	53.38	ng		97
52) 3-Nitroaniline	14.61	138	10826	12.34	ng	#	94
53) 2,4-Dinitrophenol	14.89	184	31428	110.37	ng	#	73
54) Dibenzofuran	15.03	168	241149	54.06	ng		97
55) 4-Nitrophenol	15.23	139	42404	99.29	ng		97
56) 2,4-Dinitrotoluene	15.19	165	59310	57.75	ng	#	96
57) Fluorene	15.80	166	199766	54.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	33261	59.23	ng	#	100
59) Diethylphthalate	15.83	149	217886	56.40	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	85662	56.41	ng		97
61) 4-Nitroaniline	15.99	138	33575	41.01	ng		97
62) Azobenzene	16.21	77	191163m	51.87	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	26508	46.56	ng		93
65) n-Nitrosodiphenylamine	16.18	169	168687	48.00	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	50871	49.41	ng		96
67) Hexachlorobenzene	16.81	284	51226	48.86	ng		93
68) Atrazine	17.20	200	58655	52.70	ng		90
69) Pentachlorophenol	17.20	266	37292	110.02	ng		91
70) Phenanthrene	17.47	178	289718	48.75	ng		98
71) Anthracene	17.55	178	286500	48.05	ng		99
72) Carbazole	17.85	167	274493	48.20	ng		99
73) Di-n-butylphthalate	18.45	149	367131	50.65	ng		99
74) Fluoranthene	19.13	202	295435	48.27	ng		99
76) Benzidine	19.39	184	48934	13.25	ng		100
77) Pyrene	19.41	202	310258	51.07	ng		100
79) Butylbenzylphthalate	20.36	149	164593	53.50	ng		98
80) Benzo(a)anthracene	20.95	228	295404	52.68	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	33941	17.26	ng		96
82) Chrysene	20.98	228	248932	49.00	ng		98
83) Bis(2-ethylhexyl)phthalate	21.11	149	246756	53.91	ng		97
84) Di-n-octyl phthalate	21.87	149	432111	54.89	ng		99
85) Indeno(1,2,3-cd)pyrene	23.69	276	281250m	56.93	ng		
87) Benzo(b)fluoranthene	22.19	252	287720	49.42	ng	#	97
88) Benzo(k)fluoranthene	22.21	252	231248m	52.59	ng		
89) Benzo(a)pyrene	22.53	252	248269	51.22	ng		99
90) Dibenzo(a,h)anthracene	23.71	278	225680	52.42	ng		97
91) Benzo(g,h,i)perylene	23.94	276	223987	52.59	ng		99

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

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