Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077246.D
Acq On : 10 Feb 2015 21:34
Operator : TP/IZ
Sample : G1254-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UB9BMS

Manual Integrations APPROVED
apatel
2/11/2015 4:06:42 PM

Quant Time: Feb 11 05:02:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	42744	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	187542	20.00	ng		0.01
38) Acenaphthene-d10	14.63	164	103068	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	170807	20.00	ng		0.00
75) Chrysene-d12	21.03	240	158792	20.00	ng		0.01
86) Perylene-d12	22.65	264	137409	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.62	112	177036	68.10	ng		0.03
7) Phenol-d6	7.04	99	224652	68.50	ng		0.02
23) Nitrobenzene-d5	8.91	82	133900	39.55	ng		0.01
41) 2,4,6-Tribromophenol	16.39	330	44001	52.59	ng		0.01
44) 2-Fluorobiphenyl	13.16	172	295460	43.62	ng		0.00
78) Terphenyl-d14	19.76	244	289545	41.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	16921	15.20	ng		99
3) Pyridine	1.50	79	45406	15.76	ng		96
4) n-Nitrosodimethylamine	1.46	42	30197	21.16	ng		94
6) Aniline	6.89	93	52678	11.61	ng		98
8) 2-Chlorophenol	7.14	128	64512	21.53	ng		89
10) Phenol	7.06	94	76043m	21.84	ng		
11) bis(2-Chloroethyl)ether	7.15	93	58467	21.46	ng	#	83
12) 1,3-Dichlorobenzene	7.45	146	71446	20.95	ng		91
13) 1,4-Dichlorobenzene	7.64	146	72352	20.01	ng		97
14) 1,2-Dichlorobenzene	7.95	146	69445	20.84	ng		98
15) Benzyl Alcohol	8.05	79	56559	21.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	84061	22.95	ng	#	45
17) 2-Methylphenol	8.42	107	49901	20.37	ng		92
18) Hexachloroethane	8.69	117	23576	18.75	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	51104	22.26	ng		91
20) 3+4-Methylphenols	8.81	107	63283m	19.51	ng		
22) Acetophenone	8.60	105	98992	21.55	ng		97
24) Nitrobenzene	8.96	77	62565	18.14	ng		97
25) Isophorone	9.55	82	129501	21.01	ng		98
26) 2-Nitrophenol	9.70	139	15931	10.45	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	58010	21.75	ng		99
28) bis(2-Chloroethoxy)methane	10.19	93	79772	22.77	ng		98
29) 2,4-Dichlorophenol	10.32	162	51878m	20.87	ng		
30) 1,2,4-Trichlorobenzene	10.43	180	57625	20.87	ng		90
31) Naphthalene	10.56	128	200135	20.73	ng		98
32) Benzoic acid	10.44	122	13325m	9.02	ng		
33) 4-Chloroaniline	10.82	127	68952	17.67	ng		98
34) Hexachlorobutadiene	10.92	225	34109	20.82	ng		98
35) Caprolactam	11.70	113	15339	20.96	ng		94
36) 4-Chloro-3-methylphenol	12.15	107	61842	21.73	ng		97
37) 2-Methylnaphthalene	12.21	142	141790	21.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	57224	22.46	ng		94
40) Hexachlorocyclopentadiene	12.60	237	18044	16.98	ng		95
42) 2,4,6-Trichlorophenol	12.98	196	36526	19.67	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.08	196	40159m	21.21	ng		
45) 1,1'-Biphenyl	13.37	154	164665	21.55	ng		99
46) 2-Chloronaphthalene	13.33	162	133283	21.20	ng		97
47) 2-Nitroaniline	13.69	65	34360	18.01	ng		98
48) Acenaphthylene	14.28	152	210817	19.88	ng		99
49) Dimethylphthalate	14.25	163	171774	23.50	ng		97
50) 2,6-Dinitrotoluene	14.34	165	22297	15.27	ng		93
51) Acenaphthene	14.71	154	115681	19.22	ng		96
52) 3-Nitroaniline	14.69	138	32398	18.16	ng	#	88
54) Dibenzofuran	15.13	168	179848	20.52	ng		99
55) 4-Nitrophenol	15.35	139	22730m	19.84	ng		
56) 2,4-Dinitrotoluene	15.28	165	26059	13.49	ng	#	86
57) Fluorene	15.89	166	150958	20.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.51	232	27809	20.17	ng		92
59) Diethylphthalate	15.91	149	166149	22.49	ng		98
60) 4-Chlorophenyl-phenylether	16.00	204	64658	21.28	ng		93
61) 4-Nitroaniline	16.07	138	32052	18.32	ng		96
62) Azobenzene	16.29	77	145114m	18.85	ng		
64) 4,6-Dinitro-2-methylphenol	16.16	198	2032	5.03	ng	#	65
65) n-Nitrosodiphenylamine	16.26	169	124820	20.49	ng		97
66) 4-Bromophenyl-phenylether	16.88	248	36496	21.09	ng		88
67) Hexachlorobenzene	16.89	284	36833	20.20	ng		97
68) Atrazine	17.27	200	40006	21.65	ng		95
69) Pentachlorophenol	17.28	266	19821	28.56	ng		95
70) Phenanthrene	17.54	178	210027	19.72	ng		99
71) Anthracene	17.62	178	205819	19.81	ng		99
72) Carbazole	17.92	167	199878	19.84	ng		99
73) Di-n-butylphthalate	18.52	149	269865	23.14	ng		99
74) Fluoranthene	19.20	202	216533	19.84	ng		98
76) Benzidine	19.45	184	74720	14.71	ng		97
77) Pyrene	19.48	202	223831	20.57	ng		99
79) Butylbenzylphthalate	20.42	149	116468	23.63	ng		86
80) Benzo(a)anthracene	21.01	228	203339	20.41	ng		99
81) 3,3'-Dichlorobenzidine	21.03	252	62224	19.65	ng		97
82) Chrysene	21.05	228	177978	19.59	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	165256	24.23	ng	#	95
84) Di-n-octyl phthalate	21.93	149	282042	23.83	ng		98
85) Indeno(1,2,3-cd)pyrene	23.72	276	175990	18.28	ng	#	84
87) Benzo(b)fluoranthene	22.25	252	177187m	19.15	ng		
88) Benzo(k)fluoranthene	22.28	252	178289m	22.05	ng		
89) Benzo(a)pyrene	22.59	252	169602	20.78	ng		98
90) Dibenzo(a,h)anthracene	23.75	278	149148	19.91	ng		98
91) Benzo(g,h,i)perylene	23.99	276	140435	18.86	ng		97

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

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