Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078416.D
Acq On : 10 Apr 2015 23:15
Operator : TP/IZ
Sample : G1744-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-1AMS

Manual Integrations APPROVED
apatel
4/13/2015 4:16:43 PM

Quant Time: Apr 13 10:59:47 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	27757	20.00	ng		-0.01
21) Naphthalene-d8	8.43	136	113134	20.00	ng		-0.01
38) Acenaphthene-d10	10.59	164	64076	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	126500	20.00	ng		0.00
75) Chrysene-d12	15.68	240	145577	20.00	ng		-0.01
86) Perylene-d12	17.33	264	142543	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	173229	102.90	ng		0.00
7) Phenol-d6	6.45	99	223273	105.83	ng		-0.01
23) Nitrobenzene-d5	7.56	82	136887	73.34	ng		0.00
41) 2,4,6-Tribromophenol	11.56	330	62862	118.29	ng		-0.01
44) 2-Fluorobiphenyl	9.78	172	300939	67.13	ng		0.00
78) Terphenyl-d14	14.41	244	399008	61.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	37671m	49.48	ng		
3) Pyridine	2.25	79	51217	25.68	ng		94
4) n-Nitrosodimethylamine	2.18	42	28087m	36.59	ng		
6) Aniline	6.44	93	34748	11.61	ng		96
8) 2-Chlorophenol	6.59	128	67889	34.10	ng		97
9) Benzaldehyde	6.29	77	42913	30.69	ng		89
10) Phenol	6.48	94	81134	32.09	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	61078	33.60	ng		93
12) 1,3-Dichlorobenzene	6.77	146	70005	32.01	ng		99
13) 1,4-Dichlorobenzene	6.88	146	69858	31.74	ng		99
14) 1,2-Dichlorobenzene	7.06	146	68292	33.09	ng		98
15) Benzyl Alcohol	7.06	79	56677	38.23	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	86447	35.65	ng		95
17) 2-Methylphenol	7.22	107	55249	35.75	ng		95
18) Hexachloroethane	7.47	117	24295	32.73	ng	#	72
19) n-Nitroso-di-n-propylamine	7.39	70	48818	35.07	ng	#	89
20) 3+4-Methylphenols	7.42	107	72811	35.31	ng		90
22) Acetophenone	7.38	105	95054	36.06	ng	#	94
24) Nitrobenzene	7.58	77	70139	35.95	ng		92
25) Isophorone	7.88	82	129524	36.56	ng	#	93
26) 2-Nitrophenol	7.97	139	32041	34.46	ng	#	80
27) 2,4-Dimethylphenol	8.06	122	64420	37.26	ng		98
28) bis(2-Chloroethoxy)methane	8.18	93	85376	37.59	ng		98
29) 2,4-Dichlorophenol	8.28	162	61959	39.39	ng		91
30) 1,2,4-Trichlorobenzene	8.37	180	63046	34.96	ng		99
31) Naphthalene	8.46	128	202136	34.33	ng		99
32) Benzoic acid	8.19	122	34506	43.11	ng		96
33) 4-Chloroaniline	8.56	127	31644	12.95	ng		97
34) Hexachlorobutadiene	8.62	225	35588	35.94	ng		99
35) Caprolactam	8.97	113	18610	39.63	ng		95
36) 4-Chloro-3-methylphenol	9.17	107	66728	42.04	ng		90
37) 2-Methylnaphthalene	9.32	142	141178	35.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	62015	31.24	ng		99
40) Hexachlorocyclopentadiene	9.50	237	48197	58.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	44584	35.61	ng		99
43) 2,4,5-Trichlorophenol	9.72	196	47415	36.25	ng		95
45) 1,1'-Biphenyl	9.89	154	177256	33.82	ng		95
46) 2-Chloronaphthalene	9.92	162	136656	33.14	ng		95
47) 2-Nitroaniline	10.05	65	37615	36.87	ng	#	84
48) Acenaphthylene	10.42	152	223418	33.55	ng		99
49) Dimethylphthalate	10.29	163	188672	39.19	ng		100
50) 2,6-Dinitrotoluene	10.36	165	35456	35.80	ng	#	46
51) Acenaphthene	10.64	154	125319	33.43	ng		100
52) 3-Nitroaniline	10.57	138	23474	20.84	ng		90
53) 2,4-Dinitrophenol	10.71	184	24658	68.89	ng		91
54) Dibenzofuran	10.84	168	204295	35.68	ng		98
55) 4-Nitrophenol	10.81	139	58051	70.35	ng		85
56) 2,4-Dinitrotoluene	10.85	165	48708	37.97	ng	#	50
57) Fluorene	11.27	166	167788	36.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.01	232	37166	38.32	ng		99
59) Diethylphthalate	11.17	149	169546	36.53	ng		98
60) 4-Chlorophenyl-phenylether	11.29	204	78579	36.80	ng		93
61) 4-Nitroaniline	11.31	138	35516	31.20	ng		94
62) Azobenzene	11.48	77	172523	40.73	ng		84
64) 4,6-Dinitro-2-methylphenol	11.36	198	20854	35.85	ng	#	64
65) n-Nitrosodiphenylamine	11.44	169	148472	33.93	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	46636	34.81	ng		98
67) Hexachlorobenzene	11.94	284	49119	33.46	ng	#	89
68) Atrazine	12.11	200	48342	38.14	ng		96
69) Pentachlorophenol	12.19	266	48693	75.30	ng		98
70) Phenanthrene	12.44	178	250582	34.24	ng		99
71) Anthracene	12.51	178	257226	35.67	ng		99
72) Carbazole	12.73	167	250604	37.09	ng		99
73) Di-n-butylphthalate	13.19	149	302736	39.55	ng		100
74) Fluoranthene	13.91	202	279312	36.19	ng		97
76) Benzidine	14.10	184	113351	20.22	ng		99
77) Pyrene	14.18	202	296806	32.48	ng		99
79) Butylbenzylphthalate	15.04	149	135929	39.03	ng	#	85
80) Benzo(a)anthracene	15.67	228	288981	33.36	ng		99
81) 3,3'-Dichlorobenzidine	15.65	252	59108	20.38	ng	#	97
82) Chrysene	15.71	228	269692	33.14	ng		99
83) Bis(2-ethylhexyl)phthalate	15.76	149	217512	39.82	ng	#	98
84) Di-n-octyl phthalate	16.52	149	371991	41.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.56	276	316965m	34.32	ng		
87) Benzo(b)fluoranthene	16.91	252	313623	35.60	ng	#	96
88) Benzo(k)fluoranthene	16.95	252	240130m	30.67	ng		
89) Benzo(a)pyrene	17.28	252	275320	35.81	ng		99
90) Dibenzo(a,h)anthracene	18.58	278	238305	30.96	ng		99
91) Benzo(g,h,i)perylene	18.91	276	247500	32.07	ng		95

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

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