Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077080.D
Acq On : 27 Jan 2015 8:50
Operator : TP/IZ
Sample : G1044-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1AMS

Manual Integrations APPROVED
apatel
1/28/2015 5:42:46 PM

Quant Time: Jan 28 14:22:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	36753	20.00	ng		0.01
21) Naphthalene-d8	10.69	136	164866	20.00	ng		0.01
38) Acenaphthene-d10	14.81	164	90443	20.00	ng		0.01
63) Phenanthrene-d10	17.64	188	144962	20.00	ng		0.00
75) Chrysene-d12	21.16	240	135806	20.00	ng		0.01
86) Perylene-d12	22.80	264	123964	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.81	112	154355	69.05	ng		0.03
7) Phenol-d6	7.21	99	124644	44.20	ng		0.05
23) Nitrobenzene-d5	9.09	82	261283	87.80	ng		0.01
41) 2,4,6-Tribromophenol	16.54	330	105399	143.57	ng		0.01
44) 2-Fluorobiphenyl	13.34	172	530638	89.29	ng		0.00
78) Terphenyl-d14	19.89	244	462777	78.45	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.17	88	18579	19.41	ng		91
3) Pyridine	1.64	79	28464	11.49	ng		90
4) n-Nitrosodimethylamine	1.58	42	36723	29.93	ng	#	88
6) Aniline	7.06	93	134947	34.58	ng		93
8) 2-Chlorophenol	7.32	128	112692	43.73	ng		98
9) Benzaldehyde	6.79	77	9014	4.35	ng	#	1
10) Phenol	7.25	94	83712	27.96	ng		85
11) bis(2-Chloroethyl)ether	7.32	93	134713	57.50	ng	#	82
12) 1,3-Dichlorobenzene	7.61	146	127485	43.48	ng		98
13) 1,4-Dichlorobenzene	7.81	146	161980	52.10	ng		99
14) 1,2-Dichlorobenzene	8.13	146	158297	55.26	ng		98
15) Benzyl Alcohol	8.24	79	69753	30.57	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	138242	43.89	ng	#	46
17) 2-Methylphenol	8.60	107	78403	37.23	ng		94
18) Hexachloroethane	8.87	117	49146	45.45	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	86904	44.03	ng		98
20) 3+4-Methylphenols	8.96	107	148250	53.16	ng		96
22) Acetophenone	8.77	105	196798	48.73	ng	#	99
24) Nitrobenzene	9.12	77	139697	46.08	ng		96
25) Isophorone	9.73	82	240029	44.29	ng		99
26) 2-Nitrophenol	9.86	139	63581	41.22	ng	#	92
27) 2,4-Dimethylphenol	10.16	122	117421	50.09	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	151294	49.12	ng		98
29) 2,4-Dichlorophenol	10.48	162	93560	42.82	ng		95
30) 1,2,4-Trichlorobenzene	10.60	180	102421	42.20	ng		96
31) Naphthalene	10.73	128	708630	83.49	ng		100
32) Benzoic acid	10.68	122	75988m	58.51	ng		
33) 4-Chloroaniline	10.98	127	38564	11.24	ng		96
34) Hexachlorobutadiene	11.10	225	60933	42.32	ng		98
36) 4-Chloro-3-methylphenol	12.32	107	222190	88.82	ng	#	47
37) 2-Methylnaphthalene	12.39	142	291205	50.24	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	97441	43.58	ng		97
40) Hexachlorocyclopentadiene	12.78	237	47688	41.93	ng		92
42) 2,4,6-Trichlorophenol	13.15	196	68634	42.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.25	196	70511	42.43	ng	#	93
45) 1,1'-Biphenyl	13.55	154	290932	43.39	ng		98
46) 2-Chloronaphthalene	13.52	162	232063	42.06	ng		97
47) 2-Nitroaniline	13.88	65	76864	45.92	ng	#	83
48) Acenaphthylene	14.47	152	367864	39.53	ng		99
49) Dimethylphthalate	14.43	163	307995	48.02	ng		98
50) 2,6-Dinitrotoluene	14.52	165	59096	46.12	ng		94
51) Acenaphthene	14.89	154	223597	42.35	ng		97
52) 3-Nitroaniline	14.86	138	17638	11.96	ng	#	78
53) 2,4-Dinitrophenol	15.15	184	37933	65.56	ng	#	89
54) Dibenzofuran	15.32	168	327680	42.60	ng		97
55) 4-Nitrophenol	15.52	139	37559m	37.36	ng		
56) 2,4-Dinitrotoluene	15.45	165	80253	42.05	ng		93
57) Fluorene	16.06	166	268925	41.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.67	232	54835	45.32	ng		97
59) Diethylphthalate	16.07	149	318992	49.21	ng		98
60) 4-Chlorophenyl-phenylether	16.15	204	116042	43.52	ng		98
61) 4-Nitroaniline	16.22	138	48676	30.66	ng		96
62) Azobenzene	16.45	77	300479	44.49	ng		96
64) 4,6-Dinitro-2-methylphenol	16.29	198	28316	31.61	ng		77
65) n-Nitrosodiphenylamine	16.41	169	288829	55.88	ng		97
66) 4-Bromophenyl-phenylether	17.01	248	67410	45.90	ng		96
67) Hexachlorobenzene	17.03	284	67307	43.49	ng		92
68) Atrazine	17.42	200	76350	48.68	ng		97
69) Pentachlorophenol	17.41	266	70007	97.00	ng		96
70) Phenanthrene	17.68	178	387921	42.91	ng		98
71) Anthracene	17.75	178	367957	41.74	ng		98
72) Carbazole	18.05	167	361378	42.27	ng		99
73) Di-n-butylphthalate	18.64	149	463577	46.84	ng		99
74) Fluoranthene	19.33	202	395094	42.65	ng		99
77) Pyrene	19.61	202	411476	44.21	ng		98
79) Butylbenzylphthalate	20.55	149	214316	50.84	ng		99
80) Benzo(a)anthracene	21.15	228	364269	42.75	ng		99
81) 3,3'-Dichlorobenzidine	21.16	252	8994	3.32	ng	#	95
82) Chrysene	21.18	228	338054	43.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.29	149	306930	52.63	ng		98
84) Di-n-octyl phthalate	22.06	149	511970	50.58	ng	#	98
85) Indeno(1,2,3-cd)pyrene	23.91	276	357187	43.37	ng	#	84
87) Benzo(b)fluoranthene	22.40	252	362974	43.47	ng	#	96
88) Benzo(k)fluoranthene	22.43	252	303029m	41.54	ng		
89) Benzo(a)pyrene	22.75	252	314381	42.69	ng	#	97
90) Dibenzo(a,h)anthracene	23.93	278	291934	43.20	ng	#	94
91) Benzo(g,h,i)perylene	24.20	276	297190	44.24	ng		98

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

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