Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076842.D
Acq On : 13 Jan 2015 13:59
Operator : IZ / TP
Sample : G1044-02MS
Misc : W
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1AMS

Manual Integrations APPROVED
tejaskumar
1/14/2015 5:22:00 PM

Quant Time: Jan 14 11:42:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34342	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	143236	20.00	ng		-0.03
38) Acenaphthene-d10	15.09	164	72862	20.00	ng		-0.05
63) Phenanthrene-d10	17.83	188	124271	20.00	ng		-0.02
75) Chrysene-d12	21.31	240	123860	20.00	ng		-0.05
86) Perylene-d12	22.97	264	113190	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	140704	68.37	ng		-0.03
7) Phenol-d6	7.48	99	112120	43.27	ng		-0.02
23) Nitrobenzene-d5	9.36	82	232976	90.39	ng		-0.02
41) 2,4,6-Tribromophenol	16.75	330	87445	143.79	ng		-0.03
44) 2-Fluorobiphenyl	13.61	172	448470	90.59	ng		-0.03
78) Terphenyl-d14	20.04	244	381450	67.62	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	22782	25.96	ng		97
3) Pyridine	1.88	79	26020	11.14	ng		94
4) n-Nitrosodimethylamine	1.81	42	32940	28.05	ng	#	82
6) Aniline	7.35	93	104436	29.20	ng		97
8) 2-Chlorophenol	7.60	128	103253	42.43	ng		99
9) Benzaldehyde	7.06	77	54403	35.37	ng		98
10) Phenol	7.51	94	79403	28.13	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	118147	52.23	ng		97
12) 1,3-Dichlorobenzene	7.91	146	118042	43.69	ng		95
13) 1,4-Dichlorobenzene	8.10	146	151243	53.37	ng		98
14) 1,2-Dichlorobenzene	8.41	146	147176	55.74	ng		98
15) Benzyl Alcohol	8.50	79	61183	28.38	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.84	45	128389	42.24	ng		71
17) 2-Methylphenol	8.85	107	69817	35.83	ng		94
18) Hexachloroethane	9.17	117	44350	43.30	ng		95
19) n-Nitroso-di-n-propylamine	9.12	70	76937	41.80	ng		96
20) 3+4-Methylphenols	9.22	107	137103	53.27	ng		98
22) Acetophenone	9.04	105	174963	49.71	ng	#	97
24) Nitrobenzene	9.40	77	125571	48.23	ng		97
25) Isophorone	10.00	82	204319	43.59	ng		98
26) 2-Nitrophenol	10.14	139	53384	42.86	ng		97
27) 2,4-Dimethylphenol	10.41	122	103299	51.07	ng		96
28) bis(2-Chloroethoxy)methane	10.62	93	131808	47.87	ng		96
29) 2,4-Dichlorophenol	10.76	162	78920	41.01	ng		93
30) 1,2,4-Trichlorobenzene	10.87	180	91650	42.22	ng		95
31) Naphthalene	11.02	128	621078	84.53	ng		99
33) 4-Chloroaniline	11.26	127	25014	8.69	ng	#	92
34) Hexachlorobutadiene	11.37	225	49944	40.22	ng		97
35) Caprolactam	12.21	113	6993m	12.24	ng		
36) 4-Chloro-3-methylphenol	12.57	107	189192	88.60	ng	#	24
37) 2-Methylnaphthalene	12.67	142	255068	49.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	84239	46.53	ng		95
40) Hexachlorocyclopentadiene	13.05	237	69974	66.78	ng		95
42) 2,4,6-Trichlorophenol	13.41	196	56285	42.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.50	196	58147	42.07	ng	#	88
45) 1,1'-Biphenyl	13.81	154	245351	43.80	ng		99
46) 2-Chloronaphthalene	13.79	162	196710	43.69	ng		95
47) 2-Nitroaniline	14.13	65	69409	51.73	ng		87
48) Acenaphthylene	14.75	152	318908	41.80	ng		99
49) Dimethylphthalate	14.68	163	253482	47.87	ng		100
50) 2,6-Dinitrotoluene	14.78	165	49455	44.05	ng		94
51) Acenaphthene	15.17	154	193510	44.90	ng		99
52) 3-Nitroaniline	15.12	138	11761	9.17	ng	#	91
53) 2,4-Dinitrophenol	15.40	184	45909	95.87	ng	#	80
54) Dibenzofuran	15.59	168	275708	43.73	ng		99
55) 4-Nitrophenol	15.74	139	34106	41.28	ng		98
56) 2,4-Dinitrotoluene	15.69	165	68164	47.54	ng		96
57) Fluorene	16.29	166	226950	43.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	44972	44.98	ng		99
59) Diethylphthalate	16.28	149	257135	47.14	ng		99
60) 4-Chlorophenyl-phenylether	16.37	204	95997	42.48	ng	#	86
61) 4-Nitroaniline	16.43	138	45523	38.35	ng		96
62) Azobenzene	16.65	77	249622	44.63	ng		99
64) 4,6-Dinitro-2-methylphenol	16.48	198	32212	45.69	ng	#	77
65) n-Nitrosodiphenylamine	16.61	169	241621	53.53	ng		97
66) 4-Bromophenyl-phenylether	17.20	248	54790	42.49	ng		94
67) Hexachlorobenzene	17.23	284	57342	42.49	ng	#	85
68) Atrazine	17.58	200	64852	47.44	ng		96
69) Pentachlorophenol	17.58	266	58446	99.69	ng		95
70) Phenanthrene	17.87	178	330019	42.61	ng		100
71) Anthracene	17.93	178	315391	41.93	ng		99
72) Carbazole	18.22	167	327312	44.38	ng		98
73) Di-n-butylphthalate	18.80	149	376394	42.96	ng		98
74) Fluoranthene	19.50	202	343710	43.33	ng		99
77) Pyrene	19.77	202	352036	39.50	ng		99
79) Butylbenzylphthalate	20.70	149	176259	42.61	ng		95
80) Benzo(a)anthracene	21.29	228	324719	41.15	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	15310	6.08	ng	#	92
82) Chrysene	21.34	228	304398	42.64	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	227375	39.67	ng	#	99
84) Di-n-octyl phthalate	22.20	149	396586	41.01	ng	#	99
85) Indeno(1,2,3-cd)pyrene	24.11	276	318148	45.03	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	297401	37.93	ng		98
88) Benzo(k)fluoranthene	22.59	252	302451m	44.13	ng		
89) Benzo(a)pyrene	22.91	252	292739	43.45	ng	#	96
90) Dibenzo(a,h)anthracene	24.13	278	261078	42.53	ng		94
91) Benzo(g,h,i)perylene	24.40	276	269088	42.95	ng		96

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

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