Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080330.D
Acq On : 3 Jul 2015 8:02
Operator : TP/IZ
Sample : IDOC-02-W-UM
Misc : IDOC-WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-02-W-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:41:18 PM

Quant Time: Jul 03 08:54:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 08:40:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	51123	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	202586	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	106111	20.00	ng		0.00
63) Phenanthrene-d10	11.81	188	208946	20.00	ng		0.01
75) Chrysene-d12	14.85	240	237893	20.00	ng		0.14
86) Perylene-d12	16.76	264	217954	20.00	ng		0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	279725	95.76	ng		0.00
7) Phenol-d6	6.85	99	369687	93.81	ng		0.01
23) Nitrobenzene-d5	7.80	82	219755	60.36	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	96813	94.73	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	464408	62.37	ng		0.00
78) Terphenyl-d14	13.54	244	580394	57.58	ng		0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	30627	58.33	ng	#	100
3) Pyridine	3.90	79	85243	23.69	ng		99
4) n-Nitrosodimethylamine	3.80	42	48459	29.97	ng		97
6) Aniline	6.90	93	96254	18.26	ng		92
8) 2-Chlorophenol	7.02	128	103417	31.73	ng		94
9) Benzaldehyde	6.78	77	37477	17.43	ng		94
10) Phenol	6.86	94	127860	29.72	ng		87
11) bis(2-Chloroethyl)ether	6.96	93	83967	25.77	ng		89
12) 1,3-Dichlorobenzene	7.18	146	115784	29.17	ng		97
13) 1,4-Dichlorobenzene	7.26	146	107819m	27.57	ng		
14) 1,2-Dichlorobenzene	7.41	146	110136	28.25	ng		96
15) Benzyl Alcohol	7.37	79	87415	28.90	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	148153	29.46	ng		99
17) 2-Methylphenol	7.48	107	76399	27.73	ng		93
18) Hexachloroethane	7.77	117	34143	28.05	ng	#	66
19) n-Nitroso-di-n-propylamine	7.64	70	68126	26.32	ng	#	91
20) 3+4-Methylphenols	7.63	107	108661	29.48	ng		91
22) Acetophenone	7.64	105	144472	30.76	ng	#	93
24) Nitrobenzene	7.81	77	100596	26.92	ng		94
25) Isophorone	8.05	82	198239	28.18	ng		95
26) 2-Nitrophenol	8.14	139	45452	28.04	ng	#	74
27) 2,4-Dimethylphenol	8.17	122	90685	30.06	ng		93
28) bis(2-Chloroethoxy)methane	8.26	93	125160	29.37	ng		98
29) 2,4-Dichlorophenol	8.38	162	82450	29.78	ng		89
30) 1,2,4-Trichlorobenzene	8.48	180	86390	26.62	ng	#	91
31) Naphthalene	8.56	128	297013m	28.83	ng		
32) Benzoic acid	8.24	122	39863	53.73	ng		94
33) 4-Chloroaniline	8.59	127	60331m	13.94	ng		
34) Hexachlorobutadiene	8.67	225	54960	26.93	ng		97
35) Caprolactam	8.93	113	25901	30.42	ng	#	81
36) 4-Chloro-3-methylphenol	9.06	107	84315	28.07	ng		88
37) 2-Methylnaphthalene	9.24	142	193342	27.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	87165	24.94	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	76124	57.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	57111	25.83	ng		98
43) 2,4,5-Trichlorophenol	9.56	196	69684	28.54	ng	#	93
45) 1,1'-Biphenyl	9.71	154	255970	28.18	ng		98
46) 2-Chloronaphthalene	9.74	162	190359	27.34	ng	#	91
47) 2-Nitroaniline	9.82	65	60078	29.51	ng	#	78
48) Acenaphthylene	10.16	152	306523	25.40	ng		98
49) Dimethylphthalate	10.00	163	220199	27.22	ng		99
50) 2,6-Dinitrotoluene	10.06	165	52229	31.07	ng	#	64
51) Acenaphthene	10.34	154	202161	28.99	ng		90
52) 3-Nitroaniline	10.24	138	35414	18.38	ng		87
53) 2,4-Dinitrophenol	10.35	184	42856	68.95	ng	#	1
54) Dibenzofuran	10.51	168	282914	28.57	ng		92
55) 4-Nitrophenol	10.38	139	91937	64.75	ng	#	80
56) 2,4-Dinitrotoluene	10.48	165	65909	31.03	ng	#	70
57) Fluorene	10.85	166	241243	29.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	59398	31.59	ng		92
59) Diethylphthalate	10.70	149	245897	31.48	ng		95
60) 4-Chlorophenyl-phenylether	10.84	204	106683	28.97	ng	#	82
61) 4-Nitroaniline	10.85	138	53439	27.48	ng		84
62) Azobenzene	11.00	77	211537	26.90	ng		84
64) 4,6-Dinitro-2-methylphenol	10.89	198	33364	39.76	ng	#	52
65) n-Nitrosodiphenylamine	10.96	169	190859	28.15	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	71245	31.61	ng	#	84
67) Hexachlorobenzene	11.41	284	76661	31.64	ng	#	86
68) Atrazine	11.47	200	51452	24.72	ng		92
69) Pentachlorophenol	11.61	266	74283	58.25	ng		98
70) Phenanthrene	11.84	178	366562	29.24	ng		99
71) Anthracene	11.88	178	356860	29.74	ng		100
72) Carbazole	12.04	167	343599	30.30	ng		99
73) Di-n-butylphthalate	12.37	149	352043	29.76	ng		99
74) Fluoranthene	13.12	202	388655	29.83	ng		99
76) Benzidine	13.24	184	182981	26.18	ng		99
77) Pyrene	13.38	202	412304	27.29	ng		99
79) Butylbenzylphthalate	14.10	149	158873	27.66	ng	#	73
80) Benzo(a)anthracene	14.84	228	394088	27.42	ng		99
81) 3,3'-Dichlorobenzidine	14.79	252	104495	22.27	ng		98
82) Chrysene	14.89	228	367038	27.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.83	149	232400	28.92	ng	#	98
84) Di-n-octyl phthalate	15.68	149	374223	27.65	ng		98
85) Indeno(1,2,3-cd)pyrene	18.56	276	410878	26.89	ng		98
87) Benzo(b)fluoranthene	16.24	252	366417	27.11	ng	#	97
88) Benzo(k)fluoranthene	16.27	252	386863	29.28	ng	#	98
89) Benzo(a)pyrene	16.68	252	368697	29.38	ng		99
90) Dibenzo(a,h)anthracene	18.58	278	348215	29.08	ng	#	96
91) Benzo(g,h,i)perylene	19.09	276	347446	27.95	ng		97

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

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