Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080325.D
Acq On : 3 Jul 2015 5:38
Operator : TP/IZ
Sample : IDOC-01-S-UM
Misc : IDOC-SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-01-S-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:40:54 PM

Quant Time: Jul 03 07:22:33 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 07:20:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	32711	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	129173	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	60196	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	126988	20.00	ng		0.00
75) Chrysene-d12	14.67	240	142735	20.00	ng		-0.05
86) Perylene-d12	16.47	264	130057	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	254273	134.61	ng		0.00
7) Phenol-d6	6.85	99	329465	129.93	ng		0.01
23) Nitrobenzene-d5	7.80	82	195988	83.54	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	89805	156.68	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	420116	100.45	ng		0.00
78) Terphenyl-d14	13.45	244	504830	82.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	29341	129.44	ng	#	100
3) Pyridine	3.90	79	77809	33.28	ng		98
4) n-Nitrosodimethylamine	3.80	42	40644	39.03	ng		95
6) Aniline	6.90	93	100079	29.51	ng	#	91
8) 2-Chlorophenol	7.02	128	92801	44.72	ng		95
9) Benzaldehyde	6.78	77	42894	30.95	ng		95
10) Phenol	6.86	94	108600	38.72	ng		87
11) bis(2-Chloroethyl)ether	6.96	93	77061	36.32	ng		92
12) 1,3-Dichlorobenzene	7.18	146	101942	40.25	ng		97
13) 1,4-Dichlorobenzene	7.26	146	95602m	37.91	ng		
14) 1,2-Dichlorobenzene	7.41	146	96766	38.62	ng		96
15) Benzyl Alcohol	7.37	79	76439	39.16	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	129968	39.93	ng		100
17) 2-Methylphenol	7.48	107	65948	36.76	ng	#	93
18) Hexachloroethane	7.77	117	31227	39.66	ng	#	68
19) n-Nitroso-di-n-propylamine	7.64	70	59878	35.52	ng	#	88
20) 3+4-Methylphenols	7.63	107	96270	40.40	ng		93
22) Acetophenone	7.64	105	130447	43.22	ng	#	92
24) Nitrobenzene	7.81	77	88846	36.52	ng		93
25) Isophorone	8.05	82	171769	37.67	ng		96
26) 2-Nitrophenol	8.14	139	38887	36.61	ng	#	75
27) 2,4-Dimethylphenol	8.17	122	79539	40.79	ng		91
28) bis(2-Chloroethoxy)methane	8.26	93	111055	40.58	ng		97
29) 2,4-Dichlorophenol	8.38	162	71494	39.69	ng		88
30) 1,2,4-Trichlorobenzene	8.48	180	77049	36.67	ng	#	94
31) Naphthalene	8.56	128	258069	39.22	ng		99
32) Benzoic acid	8.22	122	27808	62.31	ng		93
33) 4-Chloroaniline	8.59	127	73359m	26.28	ng		
34) Hexachlorobutadiene	8.67	225	47453	35.85	ng		99
35) Caprolactam	8.93	113	21474	39.29	ng	#	72
36) 4-Chloro-3-methylphenol	9.06	107	73104	37.49	ng		89
37) 2-Methylnaphthalene	9.24	142	169827	37.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	80196	40.03	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	63450	80.38	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	48811	38.49	ng		97
43) 2,4,5-Trichlorophenol	9.56	196	60299	44.14	ng	#	93
45) 1,1'-Biphenyl	9.71	154	228656	44.67	ng		98
46) 2-Chloronaphthalene	9.74	162	159177	40.17	ng	#	91
47) 2-Nitroaniline	9.82	65	52061	45.68	ng	#	81
48) Acenaphthylene	10.16	152	266405	38.72	ng		98
49) Dimethylphthalate	10.00	163	198633	43.20	ng		98
50) 2,6-Dinitrotoluene	10.06	165	43942	46.74	ng	#	71
51) Acenaphthene	10.34	154	173762	43.86	ng		84
52) 3-Nitroaniline	10.24	138	35943	33.33	ng		90
53) 2,4-Dinitrophenol	10.34	184	36268	88.90	ng	#	43
54) Dibenzofuran	10.51	168	235502	42.12	ng		90
55) 4-Nitrophenol	10.38	139	76618	96.13	ng	#	72
56) 2,4-Dinitrotoluene	10.48	165	51869	42.55	ng	#	64
57) Fluorene	10.85	166	205736	44.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.62	232	47709	44.81	ng		97
59) Diethylphthalate	10.70	149	201792	46.17	ng	#	94
60) 4-Chlorophenyl-phenylether	10.84	204	89428	42.64	ng	#	78
61) 4-Nitroaniline	10.85	138	43000	39.24	ng		77
62) Azobenzene	10.99	77	179153	39.85	ng		93
64) 4,6-Dinitro-2-methylphenol	10.89	198	26386	48.53	ng	#	47
65) n-Nitrosodiphenylamine	10.94	169	159992	38.34	ng		98
66) 4-Bromophenyl-phenylether	11.33	248	59616	43.44	ng	#	92
67) Hexachlorobenzene	11.41	284	62250	42.32	ng	#	94
68) Atrazine	11.47	200	55603	44.08	ng		97
69) Pentachlorophenol	11.60	266	64822	81.11	ng		98
70) Phenanthrene	11.82	178	327227	43.01	ng		99
71) Anthracene	11.87	178	300225	41.13	ng		99
72) Carbazole	12.02	167	269116	39.42	ng	#	97
73) Di-n-butylphthalate	12.35	149	323163	44.12	ng		99
74) Fluoranthene	13.06	202	323103	41.10	ng		96
76) Benzidine	13.17	184	149648	35.80	ng		99
77) Pyrene	13.30	202	346636	37.94	ng		99
79) Butylbenzylphthalate	13.97	149	135652	38.72	ng		94
80) Benzo(a)anthracene	14.66	228	339849	39.40	ng		99
81) 3,3'-Dichlorobenzidine	14.60	252	83722	29.73	ng		98
82) Chrysene	14.71	228	312972	39.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.64	149	193864	39.31	ng		100
84) Di-n-octyl phthalate	15.41	149	307208	36.98	ng		98
85) Indeno(1,2,3-cd)pyrene	18.24	276	360674	40.34	ng		98
87) Benzo(b)fluoranthene	15.95	252	340633	41.47	ng		99
88) Benzo(k)fluoranthene	15.99	252	306201	39.58	ng		100
89) Benzo(a)pyrene	16.40	252	316341	42.25	ng		97
90) Dibenzo(a,h)anthracene	18.26	278	304119	43.30	ng		97
91) Benzo(g,h,i)perylene	18.77	276	305700	41.71	ng		97

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

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