Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080331.D
Acq On : 3 Jul 2015 8:31
Operator : TP/IZ
Sample : IDOC-03-W-UM
Misc : IDOC-WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-03-W-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:41:21 PM

Quant Time: Jul 03 23:08:54 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 22:57:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	49333	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	192726	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	96774	20.00	ng		0.00
63) Phenanthrene-d10	11.81	188	203211	20.00	ng		0.01
75) Chrysene-d12	14.84	240	217129	20.00	ng		0.13
86) Perylene-d12	16.74	264	203264	20.00	ng		0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	171785	60.30	ng		0.00
7) Phenol-d6	6.84	99	207738	54.32	ng		0.00
23) Nitrobenzene-d5	7.80	82	191966	54.84	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	57645	62.56	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	414271	61.61	ng		0.00
78) Terphenyl-d14	13.54	244	462208	49.86	ng		0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	27427	80.23	ng	#	100
3) Pyridine	3.90	79	79900	22.66	ng		97
4) n-Nitrosodimethylamine	3.80	42	45920	29.24	ng		93
6) Aniline	6.90	93	93361	18.25	ng	#	90
8) 2-Chlorophenol	7.02	128	92509	29.56	ng		95
9) Benzaldehyde	6.78	77	49103	23.50	ng		97
10) Phenol	6.86	94	105464	24.93	ng		86
11) bis(2-Chloroethyl)ether	6.96	93	81316	25.41	ng		94
12) 1,3-Dichlorobenzene	7.18	146	105844	27.71	ng		97
13) 1,4-Dichlorobenzene	7.26	146	97524m	25.64	ng		
14) 1,2-Dichlorobenzene	7.41	146	99072	26.22	ng		96
15) Benzyl Alcohol	7.37	79	79521	27.01	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	130512	26.59	ng		99
17) 2-Methylphenol	7.47	107	66021	24.40	ng		95
18) Hexachloroethane	7.77	117	31322	26.38	ng	#	66
19) n-Nitroso-di-n-propylamine	7.63	70	58010	22.82	ng		90
20) 3+4-Methylphenols	7.63	107	95059	26.45	ng		88
22) Acetophenone	7.64	105	128274	28.49	ng	#	93
24) Nitrobenzene	7.81	77	91959	25.34	ng		93
25) Isophorone	8.05	82	174632	25.67	ng		95
26) 2-Nitrophenol	8.14	139	40384	25.48	ng	#	75
27) 2,4-Dimethylphenol	8.17	122	80247	27.58	ng		93
28) bis(2-Chloroethoxy)methane	8.26	93	109575	26.84	ng		98
29) 2,4-Dichlorophenol	8.38	162	70547	26.25	ng		88
30) 1,2,4-Trichlorobenzene	8.48	180	77800	24.82	ng	#	94
31) Naphthalene	8.56	128	268277m	27.33	ng		
32) Benzoic acid	8.22	122	24772	37.20	ng		91
33) 4-Chloroaniline	8.59	127	66933m	16.07	ng		
34) Hexachlorobutadiene	8.67	225	47565	24.09	ng		98
35) Caprolactam	8.93	113	21464	26.32	ng	#	73
36) 4-Chloro-3-methylphenol	9.06	107	74311	25.54	ng		87
37) 2-Methylnaphthalene	9.24	142	170006	25.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	78631	24.42	ng	#	97
40) Hexachlorocyclopentadiene	9.40	237	66202	54.80	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	49630	24.34	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	61703	28.09	ng	#	92
45) 1,1'-Biphenyl	9.71	154	231804	28.17	ng		98
46) 2-Chloronaphthalene	9.74	162	165292	25.95	ng	#	90
47) 2-Nitroaniline	9.82	65	51335	28.02	ng	#	80
48) Acenaphthylene	10.16	152	268164	24.24	ng		99
49) Dimethylphthalate	10.00	163	193734	26.21	ng		99
50) 2,6-Dinitrotoluene	10.06	165	43964	29.09	ng	#	63
51) Acenaphthene	10.34	154	174011	27.32	ng		90
52) 3-Nitroaniline	10.24	138	33829	19.51	ng		82
53) 2,4-Dinitrophenol	10.34	184	35773	66.11	ng	#	78
54) Dibenzofuran	10.51	168	244544	27.20	ng		92
55) 4-Nitrophenol	10.38	139	76698	59.86	ng	#	75
56) 2,4-Dinitrotoluene	10.48	165	54488	27.81	ng	#	66
57) Fluorene	10.85	166	213451	28.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	49127	28.70	ng		95
59) Diethylphthalate	10.70	149	206727	29.42	ng		95
60) 4-Chlorophenyl-phenylether	10.84	204	93210	27.65	ng	#	82
61) 4-Nitroaniline	10.85	138	43568	24.73	ng		80
62) Azobenzene	11.00	77	187826	25.99	ng		84
64) 4,6-Dinitro-2-methylphenol	10.89	198	27949	37.62	ng	#	51
65) n-Nitrosodiphenylamine	10.96	169	164157	24.58	ng		98
66) 4-Bromophenyl-phenylether	11.33	248	60377	27.49	ng	#	85
67) Hexachlorobenzene	11.41	284	64356	27.34	ng	#	82
68) Atrazine	11.47	200	49055	24.30	ng		90
69) Pentachlorophenol	11.61	266	64330	52.82	ng		98
70) Phenanthrene	11.84	178	317213	26.05	ng		99
71) Anthracene	11.89	178	306300	26.22	ng		99
72) Carbazole	12.04	167	290482	26.59	ng		98
73) Di-n-butylphthalate	12.38	149	315087	26.88	ng		98
74) Fluoranthene	13.12	202	326859	25.98	ng		98
76) Benzidine	13.24	184	149411	23.50	ng		99
77) Pyrene	13.38	202	351897	25.32	ng		99
79) Butylbenzylphthalate	14.10	149	130180	24.43	ng	#	83
80) Benzo(a)anthracene	14.83	228	337515	25.72	ng		98
81) 3,3'-Dichlorobenzidine	14.77	252	77023	17.98	ng		98
82) Chrysene	14.88	228	313526	25.92	ng		98
83) Bis(2-ethylhexyl)phthalate	14.82	149	190797	25.44	ng		99
84) Di-n-octyl phthalate	15.65	149	307204	24.31	ng		98
85) Indeno(1,2,3-cd)pyrene	18.52	276	348417	25.62	ng		98
87) Benzo(b)fluoranthene	16.21	252	368183	28.68	ng		98
88) Benzo(k)fluoranthene	16.25	252	269205	22.26	ng		98
89) Benzo(a)pyrene	16.66	252	309903	26.48	ng		98
90) Dibenzo(a,h)anthracene	18.55	278	297180	27.07	ng		99
91) Benzo(g,h,i)perylene	19.06	276	300544	26.24	ng		99

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

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