Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080329.D
Acq On : 3 Jul 2015 7:33
Operator : TP/IZ
Sample : IDOC-01-W-UM
Misc : IDOC-WATER
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/6/2015 3:41:13 PM

Quant Time: Jul 03 08:50:53 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	49632	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	196330	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	98036	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	218161	20.00	ng		0.00
75) Chrysene-d12	14.75	240	227395	20.00	ng		0.03
86) Perylene-d12	16.60	264	218196	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	136229	48.04	ng		0.00
7) Phenol-d6	6.84	99	171938	44.94	ng		0.00
23) Nitrobenzene-d5	7.80	82	153391	43.48	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	47223	50.01	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	341522	49.64	ng		0.00
78) Terphenyl-d14	13.48	244	379450	39.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	23116	45.35	ng	#	100
3) Pyridine	3.90	79	75590	21.64	ng		100
4) n-Nitrosodimethylamine	3.80	42	38114	24.28	ng		95
6) Aniline	6.90	93	70416	13.76	ng	#	88
8) 2-Chlorophenol	7.02	128	76032	24.03	ng		95
9) Benzaldehyde	6.78	77	40376	19.34	ng		95
10) Phenol	6.86	94	89286	21.37	ng		85
11) bis(2-Chloroethyl)ether	6.96	93	69369	21.93	ng		94
12) 1,3-Dichlorobenzene	7.18	146	88986	23.09	ng		98
13) 1,4-Dichlorobenzene	7.26	146	81588m	21.49	ng		
14) 1,2-Dichlorobenzene	7.41	146	85845	22.68	ng		97
15) Benzyl Alcohol	7.37	79	66812	22.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.50	45	109597	22.45	ng		99
17) 2-Methylphenol	7.47	107	55935	20.91	ng		96
18) Hexachloroethane	7.77	117	26022	22.02	ng	#	60
19) n-Nitroso-di-n-propylamine	7.63	70	51541	20.51	ng		92
20) 3+4-Methylphenols	7.63	107	79575	22.24	ng		86
22) Acetophenone	7.64	105	111481	24.49	ng	#	96
24) Nitrobenzene	7.81	77	79686	22.00	ng		96
25) Isophorone	8.05	82	153345	22.49	ng		96
26) 2-Nitrophenol	8.14	139	32443	20.65	ng	#	77
27) 2,4-Dimethylphenol	8.17	122	65667	22.46	ng		91
28) bis(2-Chloroethoxy)methane	8.26	93	96709	23.42	ng		99
29) 2,4-Dichlorophenol	8.37	162	61938	23.09	ng		95
30) 1,2,4-Trichlorobenzene	8.48	180	64089	20.38	ng	#	90
31) Naphthalene	8.56	128	223133	22.35	ng		99
32) Benzoic acid	8.22	122	17420	24.23	ng		97
33) 4-Chloroaniline	8.59	127	53095m	12.66	ng		
34) Hexachlorobutadiene	8.67	225	42847	21.66	ng		97
35) Caprolactam	8.92	113	17346	21.02	ng		96
36) 4-Chloro-3-methylphenol	9.06	107	65918	22.65	ng		88
37) 2-Methylnaphthalene	9.24	142	144878	21.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	69041	21.38	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	57534	48.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	41940	20.53	ng		97
43) 2,4,5-Trichlorophenol	9.56	196	52294	23.18	ng	#	94
45) 1,1'-Biphenyl	9.71	154	200530	23.89	ng		99
46) 2-Chloronaphthalene	9.74	162	142324	22.12	ng	#	89
47) 2-Nitroaniline	9.82	65	43541	23.15	ng		85
48) Acenaphthylene	10.16	152	230986	20.72	ng		98
49) Dimethylphthalate	10.00	163	180966	24.22	ng		99
50) 2,6-Dinitrotoluene	10.06	165	37001	23.82	ng	#	75
51) Acenaphthene	10.33	154	151461	23.51	ng		98
52) 3-Nitroaniline	10.24	138	27457	15.43	ng		91
53) 2,4-Dinitrophenol	10.34	184	29271	55.66	ng	#	38
54) Dibenzofuran	10.51	168	202560	22.14	ng	#	89
55) 4-Nitrophenol	10.38	139	60726	46.29	ng	#	70
56) 2,4-Dinitrotoluene	10.46	165	45934	23.40	ng	#	75
57) Fluorene	10.85	166	173423	22.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	41086	23.65	ng		96
59) Diethylphthalate	10.70	149	177142	24.54	ng	#	94
60) 4-Chlorophenyl-phenylether	10.84	204	78977	23.21	ng	#	77
61) 4-Nitroaniline	10.84	138	35296	19.64	ng		90
62) Azobenzene	10.99	77	154978	21.33	ng		95
64) 4,6-Dinitro-2-methylphenol	10.89	198	20943	28.31	ng	#	47
65) n-Nitrosodiphenylamine	10.94	169	138878	19.62	ng		98
66) 4-Bromophenyl-phenylether	11.33	248	50942	21.64	ng	#	94
67) Hexachlorobenzene	11.41	284	53646	21.21	ng	#	94
68) Atrazine	11.47	200	49375	22.72	ng		95
69) Pentachlorophenol	11.60	266	53273	41.97	ng		98
70) Phenanthrene	11.82	178	272522	20.82	ng		99
71) Anthracene	11.88	178	273043	21.79	ng		99
72) Carbazole	12.03	167	245300	20.72	ng		98
73) Di-n-butylphthalate	12.36	149	279335	22.61	ng		99
74) Fluoranthene	13.08	202	289772	21.30	ng		98
76) Benzidine	13.20	184	112334	16.82	ng		100
77) Pyrene	13.33	202	297654	20.61	ng		99
79) Butylbenzylphthalate	14.03	149	116741	21.26	ng		89
80) Benzo(a)anthracene	14.74	228	288423	21.00	ng		99
81) 3,3'-Dichlorobenzidine	14.68	252	60082	13.39	ng		98
82) Chrysene	14.79	228	269572	21.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	169019	22.00	ng	#	96
84) Di-n-octyl phthalate	15.53	149	278250	21.51	ng		99
85) Indeno(1,2,3-cd)pyrene	18.37	276	306270	20.97	ng		98
87) Benzo(b)fluoranthene	16.08	252	300331	22.20	ng		98
88) Benzo(k)fluoranthene	16.11	252	247977	18.74	ng		99
89) Benzo(a)pyrene	16.52	252	269387	21.44	ng		98
90) Dibenzo(a,h)anthracene	18.40	278	258755	21.58	ng		96
91) Benzo(g,h,i)perylene	18.91	276	258455	20.77	ng		96

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

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