Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080328.D
Acq On : 3 Jul 2015 7:04
Operator : TP/IZ
Sample : IDOC-04-S-UM
Misc : IDOC-SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-04-S-UM

Manual Integrations APPROVED
apatel
7/6/2015 3:41:05 PM

Quant Time: Jul 03 08:45:04 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	32932	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	126533	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	63664	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	132118	20.00	ng		0.00
75) Chrysene-d12	14.75	240	139526	20.00	ng		0.03
86) Perylene-d12	16.60	264	134019	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	169635	90.15	ng		0.00
7) Phenol-d6	6.84	99	212366	83.66	ng		0.00
23) Nitrobenzene-d5	7.80	82	196249	86.31	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	58592	95.55	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	420597	94.14	ng		0.00
78) Terphenyl-d14	13.48	244	474209	80.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	29190	86.31	ng	#	100
3) Pyridine	3.89	79	99683	43.01	ng		96
4) n-Nitrosodimethylamine	3.80	42	46820	44.94	ng		96
6) Aniline	6.90	93	105418	31.04	ng		91
8) 2-Chlorophenol	7.02	128	97836	46.60	ng		95
9) Benzaldehyde	6.78	77	43665	31.52	ng		95
10) Phenol	6.86	94	112331	40.53	ng		85
11) bis(2-Chloroethyl)ether	6.96	93	86958	41.43	ng		94
12) 1,3-Dichlorobenzene	7.18	146	110132	43.07	ng		98
13) 1,4-Dichlorobenzene	7.26	146	102963m	40.88	ng		
14) 1,2-Dichlorobenzene	7.41	146	106976	42.59	ng		98
15) Benzyl Alcohol	7.37	79	83328	42.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	140776	43.46	ng		99
17) 2-Methylphenol	7.48	107	74177	41.79	ng	#	94
18) Hexachloroethane	7.77	117	33023	42.11	ng	#	61
19) n-Nitroso-di-n-propylamine	7.63	70	64504	38.69	ng		89
20) 3+4-Methylphenols	7.63	107	102655	43.23	ng		89
22) Acetophenone	7.64	105	141236	48.14	ng	#	94
24) Nitrobenzene	7.81	77	98868	42.36	ng		93
25) Isophorone	8.05	82	188563	42.91	ng		95
26) 2-Nitrophenol	8.14	139	43215	42.68	ng	#	75
27) 2,4-Dimethylphenol	8.17	122	86014	45.65	ng		92
28) bis(2-Chloroethoxy)methane	8.26	93	117881	44.28	ng		99
29) 2,4-Dichlorophenol	8.38	162	78645	45.48	ng		89
30) 1,2,4-Trichlorobenzene	8.48	180	81461	40.19	ng	#	93
31) Naphthalene	8.56	128	285573	44.38	ng		99
32) Benzoic acid	8.24	122	30326	65.45	ng		90
33) 4-Chloroaniline	8.59	127	73774m	27.29	ng		
34) Hexachlorobutadiene	8.67	225	51878	40.69	ng		98
35) Caprolactam	8.93	113	24016	45.15	ng	#	77
36) 4-Chloro-3-methylphenol	9.06	107	81536	43.47	ng		89
37) 2-Methylnaphthalene	9.24	142	180311	41.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	85549	40.79	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	73260	87.53	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	53668	40.46	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	65875	44.96	ng	#	93
45) 1,1'-Biphenyl	9.71	154	246006	45.14	ng		98
46) 2-Chloronaphthalene	9.74	162	173365	41.49	ng	#	91
47) 2-Nitroaniline	9.82	65	57522	47.10	ng	#	81
48) Acenaphthylene	10.16	152	288557	39.85	ng		99
49) Dimethylphthalate	10.00	163	218062	44.93	ng		99
50) 2,6-Dinitrotoluene	10.06	165	48060	47.65	ng	#	73
51) Acenaphthene	10.34	154	188033	44.95	ng		86
52) 3-Nitroaniline	10.24	138	37756	32.67	ng		91
53) 2,4-Dinitrophenol	10.34	184	39772	93.87	ng	#	44
54) Dibenzofuran	10.51	168	260602	43.87	ng		90
55) 4-Nitrophenol	10.38	139	83697	98.25	ng	#	73
56) 2,4-Dinitrotoluene	10.48	165	58317	45.76	ng	#	62
57) Fluorene	10.85	166	220345	44.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	51469	45.62	ng	#	96
59) Diethylphthalate	10.70	149	227219	48.48	ng		94
60) 4-Chlorophenyl-phenylether	10.84	204	97542	44.15	ng	#	79
61) 4-Nitroaniline	10.85	138	48450	41.52	ng		80
62) Azobenzene	10.99	77	196450	41.64	ng		93
64) 4,6-Dinitro-2-methylphenol	10.89	198	28554	48.41	ng	#	47
65) n-Nitrosodiphenylamine	10.94	169	173229	40.41	ng		98
66) 4-Bromophenyl-phenylether	11.33	248	63694	44.69	ng	#	92
67) Hexachlorobenzene	11.41	284	68139	44.48	ng	#	92
68) Atrazine	11.47	200	59867	45.49	ng		97
69) Pentachlorophenol	11.60	266	67912	81.43	ng		98
70) Phenanthrene	11.83	178	343594	43.35	ng		100
71) Anthracene	11.88	178	330144	43.51	ng		99
72) Carbazole	12.03	167	311055	43.38	ng		98
73) Di-n-butylphthalate	12.36	149	336432	44.98	ng		99
74) Fluoranthene	13.08	202	359323	43.62	ng		98
76) Benzidine	13.20	184	152122	37.11	ng		99
77) Pyrene	13.33	202	369392	41.68	ng		99
79) Butylbenzylphthalate	14.03	149	146421	43.47	ng		93
80) Benzo(a)anthracene	14.74	228	359167	42.61	ng		97
81) 3,3'-Dichlorobenzidine	14.68	252	86147	31.30	ng		98
82) Chrysene	14.79	228	339717	43.79	ng		98
83) Bis(2-ethylhexyl)phthalate	14.72	149	210291	44.61	ng	#	95
84) Di-n-octyl phthalate	15.53	149	347312	43.75	ng		99
85) Indeno(1,2,3-cd)pyrene	18.39	276	392145	43.76	ng		98
87) Benzo(b)fluoranthene	16.08	252	361909	43.55	ng		100
88) Benzo(k)fluoranthene	16.11	252	339385	41.77	ng		99
89) Benzo(a)pyrene	16.52	252	343065	44.46	ng		100
90) Dibenzo(a,h)anthracene	18.41	278	331549	45.03	ng	#	95
91) Benzo(g,h,i)perylene	18.92	276	333202	43.59	ng		97

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

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