Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003467.D
Acq On : 10 Dec 2015 23:59
Operator : UM/IZ
Sample : IDOC-S-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-S-02

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:51 PM

Quant Time: Dec 11 07:28:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	74926	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	329741	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	177735	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	341044	20.00	ng		0.00
75) Chrysene-d12	21.32	240	289371	20.00	ng		0.00
86) Perylene-d12	23.57	264	293516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	615993	146.17	ng		0.00
7) Phenol-d6	6.90	99	809199	138.28	ng		0.00
23) Nitrobenzene-d5	8.88	82	487464	91.66	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	230272	129.73	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1155984	88.61	ng		0.00
78) Terphenyl-d14	19.76	244	1065915	86.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	58711	33.57	ng	#	100
3) Pyridine	3.60	79	180332	36.81	ng		88
4) n-Nitrosodimethylamine	3.52	42	70668	45.06	ng		91
6) Aniline	7.05	93	165164	21.44	ng		96
8) 2-Chlorophenol	7.29	128	255221	47.83	ng		95
9) Benzaldehyde	6.86	77	111546	38.87	ng		97
10) Phenol	6.92	94	301543	48.56	ng	#	73
11) bis(2-Chloroethyl)ether	7.15	93	212377	42.27	ng		97
12) 1,3-Dichlorobenzene	7.61	146	247583	42.24	ng		99
13) 1,4-Dichlorobenzene	7.76	146	254639	42.13	ng		98
14) 1,2-Dichlorobenzene	8.07	146	247218	42.83	ng		97
15) Benzyl Alcohol	7.96	79	197783	48.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	220674	41.12	ng		90
17) 2-Methylphenol	8.17	107	213229	49.11	ng		97
18) Hexachloroethane	8.80	117	89729	43.21	ng		91
19) n-Nitroso-di-n-propylamine	8.53	70	168281	43.84	ng	#	87
20) 3+4-Methylphenols	8.49	107	286657	47.72	ng		95
22) Acetophenone	8.55	105	345882	42.80	ng	#	89
24) Nitrobenzene	8.92	77	256722	44.65	ng		90
25) Isophorone	9.45	82	470173	43.71	ng		97
26) 2-Nitrophenol	9.63	139	133820	46.01	ng		92
27) 2,4-Dimethylphenol	9.69	122	242261	47.84	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	297763	46.07	ng		98
29) 2,4-Dichlorophenol	10.16	162	242496	50.27	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	236986	44.00	ng		97
31) Naphthalene	10.56	128	760053	44.05	ng		100
32) Benzoic acid	9.84	122	141322m	45.22	ng		
33) 4-Chloroaniline	10.67	127	35628	5.00	ng	#	93
34) Hexachlorobutadiene	10.85	225	139166	43.58	ng		97
35) Caprolactam	11.45	113	69712m	43.72	ng		
36) 4-Chloro-3-methylphenol	11.81	107	247756	45.55	ng		91
37) 2-Methylnaphthalene	12.18	142	551545	46.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	257677	45.10	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	307053	96.34	ng		99

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Quant Time: Dec 11 07:28:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	180080	48.32	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	194153	49.57	ng	#	89
45) 1,1'-Biphenyl	13.20	154	692820	43.96	ng		98
46) 2-Chloronaphthalene	13.25	162	524917	45.34	ng	#	93
47) 2-Nitroaniline	13.45	65	131098	45.65	ng		94
48) Acenaphthylene	14.09	152	861925	44.66	ng		100
49) Dimethylphthalate	13.83	163	648778	44.30	ng		99
50) 2,6-Dinitrotoluene	13.95	165	140330	45.92	ng		95
51) Acenaphthene	14.44	154	497506	44.48	ng		99
52) 3-Nitroaniline	14.28	138	38365	12.27	ng		89
53) 2,4-Dinitrophenol	14.49	184	124047	72.53	ng	#	79
54) Dibenzofuran	14.77	168	780404	48.31	ng		94
55) 4-Nitrophenol	14.60	139	214576	83.09	ng		81
56) 2,4-Dinitrotoluene	14.74	165	185308	46.74	ng	#	71
57) Fluorene	15.43	166	592738	44.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	150898	50.12	ng	#	100
59) Diethylphthalate	15.20	149	628813	43.73	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	290390	42.88	ng		94
61) 4-Nitroaniline	15.45	138	130870	40.98	ng		78
62) Azobenzene	15.71	77	554230	49.17	ng		98
64) 4,6-Dinitro-2-methylphenol	15.51	198	87529	42.54	ng		82
65) n-Nitrosodiphenylamine	15.63	169	518186	48.06	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	170659	46.41	ng	#	88
67) Hexachlorobenzene	16.43	284	186105	47.11	ng	#	83
68) Atrazine	16.59	200	167470	49.80	ng		97
69) Pentachlorophenol	16.77	266	199309	88.38	ng		97
70) Phenanthrene	17.16	178	877064	45.83	ng		99
71) Anthracene	17.25	178	886362	46.61	ng		99
72) Carbazole	17.53	167	761758	45.98	ng		99
73) Di-n-butylphthalate	18.09	149	935724	48.32	ng		99
74) Fluoranthene	19.19	202	881369	44.66	ng		98
76) Benzidine	19.37	184	298330	32.18	ng		99
77) Pyrene	19.55	202	905034	44.60	ng		99
79) Butylbenzylphthalate	20.45	149	369007	47.22	ng		95
80) Benzo(a)anthracene	21.30	228	808170	46.58	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	154448	27.96	ng		99
82) Chrysene	21.35	228	732218	43.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	506447	47.25	ng		99
84) Di-n-octyl phthalate	22.11	149	894986	50.54	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.84	276	963378	54.91	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	848377	47.55	ng		97
88) Benzo(k)fluoranthene	22.93	252	757682	43.50	ng		99
89) Benzo(a)pyrene	23.47	252	805259	47.98	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	808057	49.31	ng		99
91) Benzo(g,h,i)perylene	26.55	276	823435	49.74	ng		99

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

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