Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003463.D
Acq On : 10 Dec 2015 21:36
Operator : UM/IZ
Sample : IDOC-W-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-W-02

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:43 PM

Quant Time: Dec 11 07:16:18 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	68702	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	283138	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	142054	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	272290	20.00	ng		0.00
75) Chrysene-d12	21.32	240	270760	20.00	ng		0.00
86) Perylene-d12	23.57	264	287629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	553605	143.26	ng		0.00
7) Phenol-d6	6.90	99	702420	130.90	ng		0.00
23) Nitrobenzene-d5	8.88	82	422588	92.54	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	184854	130.30	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	954440	91.54	ng		0.00
78) Terphenyl-d14	19.76	244	933361	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	56982	35.54	ng	#	100
3) Pyridine	3.60	79	170130	37.88	ng		89
4) n-Nitrosodimethylamine	3.53	42	65738	45.71	ng		85
6) Aniline	7.05	93	138150	19.56	ng		96
8) 2-Chlorophenol	7.29	128	224124	45.80	ng		95
9) Benzaldehyde	6.86	77	102164	38.83	ng		95
10) Phenol	6.92	94	258138	45.34	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	193300	41.96	ng		96
12) 1,3-Dichlorobenzene	7.61	146	230159	42.82	ng		97
13) 1,4-Dichlorobenzene	7.76	146	236794	42.72	ng		97
14) 1,2-Dichlorobenzene	8.07	146	226074	42.72	ng		97
15) Benzyl Alcohol	7.96	79	169094	45.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	197748	40.19	ng		91
17) 2-Methylphenol	8.17	107	180294	45.29	ng		98
18) Hexachloroethane	8.80	117	83443	43.82	ng		92
19) n-Nitroso-di-n-propylamine	8.53	70	143131	40.67	ng	#	87
20) 3+4-Methylphenols	8.49	107	239480	43.48	ng		96
22) Acetophenone	8.55	105	301647	43.47	ng	#	89
24) Nitrobenzene	8.92	77	222259	45.02	ng		90
25) Isophorone	9.44	82	393805	42.63	ng		98
26) 2-Nitrophenol	9.63	139	113310	45.37	ng		93
27) 2,4-Dimethylphenol	9.69	122	199040	45.77	ng		93
28) bis(2-Chloroethoxy)methane	9.93	93	251738	45.36	ng		98
29) 2,4-Dichlorophenol	10.16	162	197834	47.76	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	207842	44.94	ng		97
31) Naphthalene	10.56	128	656571	44.31	ng		100
32) Benzoic acid	9.83	122	114554m	43.41	ng		
33) 4-Chloroaniline	10.67	127	33232	5.43	ng		94
34) Hexachlorobutadiene	10.85	225	123736	45.12	ng		98
35) Caprolactam	11.44	113	54371	39.71	ng	#	72
36) 4-Chloro-3-methylphenol	11.81	107	195912	41.95	ng		92
37) 2-Methylnaphthalene	12.18	142	460634	45.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	215657	47.22	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	261898	102.81	ng		99

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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	142863	47.96	ng		98
43) 2,4,5-Trichlorophenol	12.87	196	151810	48.50	ng	#	90
45) 1,1'-Biphenyl	13.20	154	569641	45.22	ng		98
46) 2-Chloronaphthalene	13.25	162	430736	46.55	ng		93
47) 2-Nitroaniline	13.45	65	102311	44.58	ng		94
48) Acenaphthylene	14.09	152	691305	44.81	ng		100
49) Dimethylphthalate	13.83	163	504502	43.10	ng		99
50) 2,6-Dinitrotoluene	13.95	165	109152	44.69	ng		95
51) Acenaphthene	14.44	154	400286	44.78	ng		99
52) 3-Nitroaniline	14.28	138	30884	12.36	ng		85
53) 2,4-Dinitrophenol	14.49	184	95156	69.89	ng	#	77
54) Dibenzofuran	14.77	168	622912	48.25	ng		93
55) 4-Nitrophenol	14.60	139	178550	86.50	ng		84
56) 2,4-Dinitrotoluene	14.74	165	145383	45.88	ng	#	68
57) Fluorene	15.43	166	475599	44.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	118805	49.37	ng	#	100
59) Diethylphthalate	15.20	149	496452	43.20	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	232112	42.89	ng		94
61) 4-Nitroaniline	15.44	138	104957	41.12	ng	#	76
62) Azobenzene	15.71	77	437694	48.58	ng		97
64) 4,6-Dinitro-2-methylphenol	15.50	198	67194	40.90	ng		86
65) n-Nitrosodiphenylamine	15.63	169	410754	47.71	ng		98
66) 4-Bromophenyl-phenylether	16.32	248	134506	45.82	ng	#	86
67) Hexachlorobenzene	16.43	284	147603	46.80	ng	#	82
68) Atrazine	16.59	200	134998	50.28	ng		98
69) Pentachlorophenol	16.77	266	162058	90.00	ng		97
70) Phenanthrene	17.16	178	714568	46.77	ng		100
71) Anthracene	17.26	178	714587	47.07	ng		99
72) Carbazole	17.53	167	640255	48.41	ng		99
73) Di-n-butylphthalate	18.09	149	749006	48.44	ng		99
74) Fluoranthene	19.19	202	756997	48.04	ng		98
76) Benzidine	19.37	184	287975	33.20	ng		99
77) Pyrene	19.55	202	787558	41.48	ng		99
79) Butylbenzylphthalate	20.45	149	323698	44.27	ng		94
80) Benzo(a)anthracene	21.30	228	755165	46.52	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	146391	28.32	ng		100
82) Chrysene	21.35	228	687627	44.01	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	463668	46.23	ng		98
84) Di-n-octyl phthalate	22.11	149	842409	50.84	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	941086	57.33	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	811142	46.39	ng		98
88) Benzo(k)fluoranthene	22.94	252	740295	43.37	ng		100
89) Benzo(a)pyrene	23.47	252	781574	47.53	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	784035	48.83	ng		99
91) Benzo(g,h,i)perylene	26.55	276	801367	49.40	ng		99

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

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