Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009437.D
Acq On : 29 Mar 2017 17:59
Operator : SJ/MA
Sample : I2435-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSP-01MS

Manual Integrations APPROVED
mohammad
3/31/2017 8:21:43 AM

Quant Time: Mar 30 01:18:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	114314	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	454891	20.00	ng		-0.01
38) Acenaphthene-d10	14.49	164	266497	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	597212	20.00	ng		0.00
75) Chrysene-d12	21.42	240	744543	20.00	ng		0.00
86) Perylene-d12	23.74	264	609246	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	961270	140.17	ng		0.00
7) Phenol-d6	7.01	99	1235365	132.09	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1074399	88.56	ng		0.00
41) 2,4,6-Tribromophenol	15.99	330	526354	158.99	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1996199	90.26	ng		-0.01
78) Terphenyl-d14	19.86	244	3026408	84.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	132778	38.50	ng	#	100
3) Pyridine	3.77	79	309491	31.76	ng	#	85
4) n-Nitrosodimethylamine	3.68	42	238708	46.01	ng	#	65
6) Aniline	7.19	93	75333	5.93	ng		93
8) 2-Chlorophenol	7.42	128	349619	50.28	ng	#	80
9) Benzaldehyde	7.00	77	76555	10.40	ng	#	72
10) Phenol	7.04	94	440381	43.46	ng		91
11) bis(2-Chloroethyl)ether	7.28	93	378396	45.56	ng	#	80
12) 1,3-Dichlorobenzene	7.74	146	376497	45.22	ng	#	85
13) 1,4-Dichlorobenzene	7.89	146	386128	44.89	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	367778	44.03	ng	#	92
15) Benzyl Alcohol	8.09	79	332769	40.70	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	651086	45.10	ng		96
17) 2-Methylphenol	8.29	107	311136	46.92	ng	#	87
18) Hexachloroethane	8.93	117	161137	45.79	ng		89
19) n-Nitroso-di-n-propylamine	8.66	70	361754	47.98	ng	#	89
20) 3+4-Methylphenols	8.62	107	410264	45.51	ng		92
22) Acetophenone	8.68	105	598935	46.68	ng	#	90
24) Nitrobenzene	9.06	77	551025	46.36	ng		90
25) Isophorone	9.58	82	904504	48.87	ng	#	88
26) 2-Nitrophenol	9.77	139	179407	50.05	ng	#	46
27) 2,4-Dimethylphenol	9.82	122	326877	49.84	ng	#	79
28) bis(2-Chloroethoxy)methane	10.06	93	526873	45.98	ng		99
29) 2,4-Dichlorophenol	10.29	162	339250	49.48	ng		95
30) 1,2,4-Trichlorobenzene	10.51	180	397667	46.75	ng		97
31) Naphthalene	10.70	128	1172383	48.56	ng		99
32) Benzoic acid	9.94	122	172682	38.72	ng	#	71
33) 4-Chloroaniline	10.82	127	25203	2.71	ng	#	82
34) Hexachlorobutadiene	10.97	225	255230	43.82	ng		98
35) Caprolactam	11.60	113	78583m	37.54	ng		
36) 4-Chloro-3-methylphenol	11.93	107	380345	49.04	ng	#	80
37) 2-Methylnaphthalene	12.31	142	827332	49.64	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	461525	45.87	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	566660	98.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	291992	50.76	ng		98
43) 2,4,5-Trichlorophenol	12.99	196	302089	47.06	ng	#	86
45) 1,1'-Biphenyl	13.33	154	1054554	47.55	ng		96
46) 2-Chloronaphthalene	13.37	162	828734	48.11	ng		96
47) 2-Nitroaniline	13.58	65	300145	47.29	ng	#	70
48) Acenaphthylene	14.22	152	1310487	46.70	ng		100
49) Dimethylphthalate	13.95	163	1029014	50.29	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	217792	49.39	ng	#	62
51) Acenaphthene	14.56	154	795603	47.00	ng		99
52) 3-Nitroaniline	14.41	138	24438	5.63	ng	#	52
53) 2,4-Dinitrophenol	14.62	184	249222	83.55	ng		89
54) Dibenzofuran	14.89	168	1298648	51.87	ng		96
55) 4-Nitrophenol	14.70	139	330047	91.92	ng	#	17
56) 2,4-Dinitrotoluene	14.86	165	309689	51.91	ng		100
57) Fluorene	15.54	166	1066214	47.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	285350	52.56	ng	#	100
59) Diethylphthalate	15.32	149	1055227	50.84	ng		99
60) 4-Chlorophenyl-phenylether	15.54	204	557561	47.45	ng		98
61) 4-Nitroaniline	15.57	138	186634	39.55	ng	#	28
62) Azobenzene	15.83	77	1346821	55.58	ng		85
64) 4,6-Dinitro-2-methylphenol	15.63	198	176296	46.86	ng		88
65) n-Nitrosodiphenylamine	15.76	169	767813	42.32	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	341148	49.30	ng	#	91
67) Hexachlorobenzene	16.54	284	371168	48.94	ng	#	90
68) Atrazine	16.70	200	181468	26.60	ng		98
69) Pentachlorophenol	16.89	266	445634	96.19	ng		98
70) Phenanthrene	17.29	178	1666949	48.81	ng		99
71) Anthracene	17.37	178	1706089	49.34	ng		99
72) Carbazole	17.65	167	1154401	34.86	ng		98
73) Di-n-butylphthalate	18.20	149	1768533	52.29	ng	#	98
74) Fluoranthene	19.30	202	1963320	48.54	ng		98
76) Benzidine	19.49	184	65009	2.93	ng		96
77) Pyrene	19.66	202	2018462	47.80	ng		99
79) Butylbenzylphthalate	20.55	149	790396	51.98	ng	#	77
80) Benzo(a)anthracene	21.40	228	2127350	48.92	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	131899	8.10	ng	#	98
82) Chrysene	21.46	228	1925395	46.37	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1166404	51.40	ng		99
84) Di-n-octyl phthalate	22.22	149	1993962	52.80	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2362302	52.17	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2165681	56.08	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2061787	55.51	ng	#	98
89) Benzo(a)pyrene	23.64	252	1971786	55.14	ng		100
90) Dibenzo(a,h)anthracene	26.12	278	2071701	59.13	ng	#	93
91) Benzo(g,h,i)perylene	26.84	276	1939483	56.79	ng	#	93

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

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