Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009438.D
Acq On : 29 Mar 2017 18:35
Operator : SJ/MA
Sample : I2435-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSP-01MSD

Manual Integrations APPROVED
mohammad
3/31/2017 8:21:46 AM

Quant Time: Mar 30 01:20:32 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	139233	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	552242	20.00	ng		-0.01
38) Acenaphthene-d10	14.49	164	313093	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	719143	20.00	ng		0.00
75) Chrysene-d12	21.42	240	917026	20.00	ng		0.00
86) Perylene-d12	23.74	264	844143	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1182511	141.57	ng		0.00
7) Phenol-d6	7.02	99	1503370	131.98	ng		0.00
23) Nitrobenzene-d5	9.02	82	1304341	88.56	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	633128	162.78	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2423840	93.28	ng		-0.01
78) Terphenyl-d14	19.86	244	3665576	83.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	148545	35.36	ng	#	100
3) Pyridine	3.77	79	423902	35.71	ng	#	83
4) n-Nitrosodimethylamine	3.68	42	284037	44.95	ng	#	65
6) Aniline	7.19	93	314658	20.33	ng	#	84
8) 2-Chlorophenol	7.42	128	423112	49.96	ng		84
9) Benzaldehyde	7.00	77	100724	11.23	ng		83
10) Phenol	7.04	94	533878	43.25	ng		91
11) bis(2-Chloroethyl)ether	7.28	93	461613	45.63	ng	#	82
12) 1,3-Dichlorobenzene	7.74	146	451208	44.50	ng	#	89
13) 1,4-Dichlorobenzene	7.89	146	460343	43.94	ng	#	92
14) 1,2-Dichlorobenzene	8.20	146	446227	43.86	ng	#	95
15) Benzyl Alcohol	8.09	79	506675	50.88	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.38	45	765946	43.56	ng		96
17) 2-Methylphenol	8.29	107	380022	47.06	ng	#	85
18) Hexachloroethane	8.93	117	188459	43.97	ng		90
19) n-Nitroso-di-n-propylamine	8.66	70	430373	46.87	ng		89
20) 3+4-Methylphenols	8.62	107	504695	45.96	ng		88
22) Acetophenone	8.68	105	724272	46.50	ng	#	91
24) Nitrobenzene	9.06	77	662446	45.91	ng		91
25) Isophorone	9.57	82	1086474	48.35	ng	#	89
26) 2-Nitrophenol	9.77	139	219036	50.33	ng	#	48
27) 2,4-Dimethylphenol	9.82	122	395156	49.63	ng	#	83
28) bis(2-Chloroethoxy)methane	10.06	93	644706	46.34	ng		99
29) 2,4-Dichlorophenol	10.29	162	418141	50.24	ng		95
30) 1,2,4-Trichlorobenzene	10.51	180	465994	45.12	ng		97
31) Naphthalene	10.70	128	1416281	48.32	ng		99
32) Benzoic acid	9.95	122	217099	40.09	ng	#	83
33) 4-Chloroaniline	10.82	127	67190	5.94	ng	#	84
34) Hexachlorobutadiene	10.97	225	306811	43.39	ng		97
35) Caprolactam	11.60	113	101799m	40.06	ng		
36) 4-Chloro-3-methylphenol	11.93	107	463309	49.20	ng	#	82
37) 2-Methylnaphthalene	12.31	142	985740	48.72	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	544061	46.03	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	658562	97.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	354183	52.40	ng		100
43) 2,4,5-Trichlorophenol	12.99	196	375832	49.84	ng	#	89
45) 1,1'-Biphenyl	13.33	154	1258968	48.31	ng		96
46) 2-Chloronaphthalene	13.37	162	990864	48.96	ng		94
47) 2-Nitroaniline	13.58	65	376567	50.50	ng	#	73
48) Acenaphthylene	14.22	152	1572525	47.70	ng		100
49) Dimethylphthalate	13.95	163	1226186	51.01	ng	#	99
50) 2,6-Dinitrotoluene	14.08	165	266627	51.47	ng	#	77
51) Acenaphthene	14.56	154	973570	48.95	ng		99
52) 3-Nitroaniline	14.41	138	116453	22.82	ng	#	53
53) 2,4-Dinitrophenol	14.62	184	294474	83.99	ng		97
54) Dibenzofuran	14.89	168	1564596	53.19	ng		95
55) 4-Nitrophenol	14.71	139	401393	95.15	ng	#	24
56) 2,4-Dinitrotoluene	14.86	165	374290	53.40	ng	#	96
57) Fluorene	15.55	166	1287663	48.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	346580	54.34	ng	#	100
59) Diethylphthalate	15.32	149	1260583	51.69	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	658819	47.72	ng		98
61) 4-Nitroaniline	15.57	138	263562	47.54	ng	#	26
62) Azobenzene	15.83	77	1586417	55.72	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	205818	45.43	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1091563	49.97	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	409331	49.13	ng		95
67) Hexachlorobenzene	16.54	284	448010	49.06	ng	#	92
68) Atrazine	16.70	200	389061	47.36	ng		96
69) Pentachlorophenol	16.89	266	542294	97.20	ng		96
70) Phenanthrene	17.29	178	1993928	48.49	ng		100
71) Anthracene	17.37	178	2058746	49.45	ng		99
72) Carbazole	17.65	167	1842077	46.20	ng		98
73) Di-n-butylphthalate	18.20	149	2138366	52.50	ng	#	98
74) Fluoranthene	19.30	202	2400294	49.28	ng		98
76) Benzidine	19.49	184	414048	15.15	ng	#	95
77) Pyrene	19.66	202	2485312	47.79	ng		99
79) Butylbenzylphthalate	20.55	149	990849	52.91	ng	#	77
80) Benzo(a)anthracene	21.40	228	2591246	48.38	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	494595	24.66	ng	#	98
82) Chrysene	21.46	228	2322462	45.41	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1446235	51.75	ng		100
84) Di-n-octyl phthalate	22.22	149	2522880	54.24	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.12	276	2969136	53.23	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2657210	49.66	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2570550	49.95	ng		97
89) Benzo(a)pyrene	23.64	252	2538829	51.24	ng		97
90) Dibenzo(a,h)anthracene	26.13	278	2535096	52.22	ng	#	94
91) Benzo(g,h,i)perylene	26.84	276	2467796	52.15	ng	#	93

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

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