Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090217\
Data File : BM011414.D
Acq On : 02 Sep 2017 14:17
Operator : SJ/JU
Sample : I5073-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMS

Manual Integrations APPROVED
mohammad
9/5/2017 4:58:37 PM

Quant Time: Sep 04 04:11:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	358235	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	1609946	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	934214	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2190338	20.00	ng		0.00
75) Chrysene-d12	21.52	240	2816797	20.00	ng		-0.01
86) Perylene-d12	23.90	264	2909335	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3115850	146.41	ng		0.00
7) Phenol-d6	7.14	99	3917475	132.75	ng		0.00
23) Nitrobenzene-d5	9.15	82	2350868	96.23	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1570366	145.29	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	5949320	91.80	ng		-0.01
78) Terphenyl-d14	19.96	244	8808896	77.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	304386	34.316	ng	#	100
3) Pyridine	3.85	79	832437	30.646	ng	#	81
4) n-Nitrosodimethylamine	3.75	42	571038	41.171	ng	#	67
6) Aniline	7.31	93	563427	14.058	ng		94
8) 2-Chlorophenol	7.55	128	1094256	43.614	ng		92
9) Benzaldehyde	7.12	77	316339	18.441	ng		97
10) Phenol	7.16	94	1336371	41.192	ng	#	76
11) bis(2-Chloroethyl)ether	7.40	93	1071742	41.333	ng		84
12) 1,3-Dichlorobenzene	7.87	146	1076778	37.689	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1108383	38.148	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1084073	38.549	ng		97
15) Benzyl Alcohol	8.22	79	956485	44.830	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	1813889	41.832	ng		92
17) 2-Methylphenol	8.42	107	924336	44.497	ng		96
18) Hexachloroethane	9.07	117	378498	38.054	ng		92
19) n-Nitroso-di-n-propylamine	8.79	70	853026	39.368	ng	#	85
20) 3+4-Methylphenols	8.75	107	1252355	43.451	ng		97
22) Acetophenone	8.81	105	1632283	40.802	ng	#	91
24) Nitrobenzene	9.19	77	1202872	44.683	ng		94
25) Isophorone	9.72	82	2306822	42.141	ng		94
26) 2-Nitrophenol	9.90	139	461370	40.539	ng	#	83
27) 2,4-Dimethylphenol	9.96	122	1071890	41.994	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	1529874	40.955	ng		99
29) 2,4-Dichlorophenol	10.43	162	1054769	44.168	ng		97
30) 1,2,4-Trichlorobenzene	10.65	180	1025242	38.783	ng		98
31) Naphthalene	10.85	128	3533582	40.652	ng		99
32) Benzoic acid	10.06	122	515600	32.246	ng		99
33) 4-Chloroaniline	10.96	127	248418	6.533	ng	#	92
34) Hexachlorobutadiene	11.13	225	559007	37.112	ng		96
35) Caprolactam	11.73	113	287439m	33.422	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1132918	40.392	ng		93
37) 2-Methylnaphthalene	12.45	142	2598493	42.950	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1114714	39.650	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1126139	87.380	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	771311	41.446	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	842361	44.569	ng	#	91
45) 1,1'-Biphenyl	13.45	154	3268643	39.411	ng		96
46) 2-Chloronaphthalene	13.50	162	2460951	39.944	ng		95
47) 2-Nitroaniline	13.69	65	821237	42.689	ng	#	78
48) Acenaphthylene	14.34	152	4027009	41.950	ng		100
49) Dimethylphthalate	14.07	163	3160277	42.573	ng		100
50) 2,6-Dinitrotoluene	14.19	165	633042	45.038	ng	#	89
51) Acenaphthene	14.68	154	2580586	41.398	ng		99
52) 3-Nitroaniline	14.52	138	621099	34.020	ng		83
53) 2,4-Dinitrophenol	14.72	184	515449	81.363	ng		94
54) Dibenzofuran	15.02	168	3934737	45.777	ng		97
55) 4-Nitrophenol	14.82	139	1263026	88.895	ng	#	47
56) 2,4-Dinitrotoluene	14.97	165	882674	44.841	ng		84
57) Fluorene	15.66	166	3300376	44.042	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	745790	48.764	ng	#	100
59) Diethylphthalate	15.43	149	3292866	43.053	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1523872	43.597	ng		95
61) 4-Nitroaniline	15.67	138	837233	44.115	ng		85
62) Azobenzene	15.94	77	3299917	47.874	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	359168	43.593	ng		85
65) n-Nitrosodiphenylamine	15.86	169	2832572	41.040	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	923442	40.081	ng	#	90
67) Hexachlorobenzene	16.66	284	1002082	37.063	ng	#	87
68) Atrazine	16.81	200	931242	46.037	ng		98
69) Pentachlorophenol	17.00	266	1271912	85.691	ng		98
70) Phenanthrene	17.40	178	5365041	43.983	ng		98
71) Anthracene	17.49	178	5379951	43.861	ng		99
72) Carbazole	17.76	167	5227997	44.228	ng		99
73) Di-n-butylphthalate	18.31	149	6056532	44.102	ng		100
74) Fluoranthene	19.40	202	6256884	44.954	ng		95
76) Benzidine	19.58	184	1434728	25.807	ng		99
77) Pyrene	19.77	202	6667128	38.626	ng		99
79) Butylbenzylphthalate	20.65	149	2950734	38.696	ng		94
80) Benzo(a)anthracene	21.50	228	6647505	42.195	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	1478183	24.714	ng		99
82) Chrysene	21.56	228	6223085	41.909	ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	4504428	40.293	ng		99
84) Di-n-octyl phthalate	22.34	149	8099416	42.978	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.35	276	8041743	58.058	ng	#	88
87) Benzo(b)fluoranthene	23.18	252	7352590	41.164	ng		99
88) Benzo(k)fluoranthene	23.23	252	6859087	40.052	ng		98
89) Benzo(a)pyrene	23.79	252	6928943	43.010	ng	#	96
90) Dibenzo(a,h)anthracene	26.36	278	6781017	49.182	ng		99
91) Benzo(g,h,i)perylene	27.10	276	6360274	47.733	ng		99

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

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