Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
Data File : BM011332.D
Acq On : 22 Aug 2017 18:09
Operator : SJ/JU
Sample : I4892-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MS

Manual Integrations APPROVED
Sohil
8/23/2017 7:21:29 PM

Quant Time: Aug 23 03:32:31 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	144452	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	549510	20.00	ng		-0.02
38) Acenaphthene-d10	13.93	164	385398	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	1085570	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1455325	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1353162	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	936142	109.55	ng		-0.01
7) Phenol-d6	6.47	99	1272885	104.84	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1571677	107.35	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	701501	113.56	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2703556	87.98	ng		-0.02
78) Terphenyl-d14	19.37	244	5424521	73.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	149223	38.893	ng	#	100
3) Pyridine	3.30	79	323900	30.907	ng	#	86
4) n-Nitrosodimethylamine	3.21	42	270894	50.723	ng	#	65
6) Aniline	6.62	93	229338	14.987	ng	#	85
8) 2-Chlorophenol	6.85	128	271475	31.292	ng	#	65
9) Benzaldehyde	6.43	77	288646	36.744	ng	#	65
10) Phenol	6.50	94	427276	32.401	ng		87
11) bis(2-Chloroethyl)ether	6.72	93	453474	44.133	ng		88
12) 1,3-Dichlorobenzene	7.16	146	329868	31.199	ng	#	68
13) 1,4-Dichlorobenzene	7.30	146	343163	31.664	ng	#	91
14) 1,2-Dichlorobenzene	7.61	146	330718	31.916	ng	#	87
15) Benzyl Alcohol	7.52	79	535309	45.960	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	449448	48.609	ng		79
17) 2-Methylphenol	7.73	107	290909	34.516	ng	#	69
18) Hexachloroethane	8.32	117	153815	32.544	ng	#	83
19) n-Nitroso-di-n-propylamine	8.08	70	505186	48.965	ng	#	89
20) 3+4-Methylphenols	8.05	107	399088	34.064	ng	#	75
22) Acetophenone	8.09	105	701816	42.607	ng	#	86
24) Nitrobenzene	8.46	77	741802	48.893	ng	#	78
25) Isophorone	8.98	82	1195660	48.979	ng	#	82
26) 2-Nitrophenol	9.16	139	164213	34.016	ng	#	1
27) 2,4-Dimethylphenol	9.24	122	290160	34.144	ng	#	64
28) bis(2-Chloroethoxy)methane	9.47	93	616998	45.316	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	315171	33.004	ng		90
30) 1,2,4-Trichlorobenzene	9.89	180	462974	39.210	ng		99
31) Naphthalene	10.07	128	1094071	39.577	ng		98
32) Benzoic acid	9.37	122	173654	25.422	ng	#	44
33) 4-Chloroaniline	10.22	127	167680	15.205	ng	#	58
34) Hexachlorobutadiene	10.36	225	367073	39.471	ng		98
35) Caprolactam	10.99	113	92763m	34.254	ng		
36) 4-Chloro-3-methylphenol	11.34	107	420329	34.088	ng	#	68
37) 2-Methylnaphthalene	11.70	142	856542	42.178	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	659371	39.822	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	777336	80.568	ng		98

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42) 2,4,6-Trichlorophenol	12.34	196	340590	33.984	ng		94
43) 2,4,5-Trichlorophenol	12.42	196	358282	34.710	ng	#	87
45) 1,1'-Biphenyl	12.75	154	1209556	36.296	ng		95
46) 2-Chloronaphthalene	12.79	162	992616	40.427	ng		95
47) 2-Nitroaniline	13.02	65	495739	57.071	ng	#	56
48) Acenaphthylene	13.65	152	1486490	40.567	ng		98
49) Dimethylphthalate	13.42	163	1315667	39.906	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	279014	41.850	ng	#	37
51) Acenaphthene	14.00	154	936604	41.281	ng		99
52) 3-Nitroaniline	13.86	138	215094	37.179	ng	#	4
53) 2,4-Dinitrophenol	14.07	184	321453	67.843	ng	#	78
54) Dibenzofuran	14.34	168	1663150	45.240	ng	#	90
55) 4-Nitrophenol	14.20	139	294114	57.863	ng	#	75
56) 2,4-Dinitrotoluene	14.33	165	422491	45.140	ng	#	65
57) Fluorene	15.00	166	1340351	41.876	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	397800	41.116	ng	#	100
59) Diethylphthalate	14.80	149	1389721	41.274	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	832655	43.087	ng		98
61) 4-Nitroaniline	15.04	138	217630	35.415	ng	#	1
62) Azobenzene	15.30	77	2109552	58.541	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	227560	30.964	ng		95
65) n-Nitrosodiphenylamine	15.23	169	1213566	39.062	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	554515	39.735	ng	#	92
67) Hexachlorobenzene	16.00	284	563775	35.750	ng	#	86
68) Atrazine	16.20	200	530869	42.640	ng		97
69) Pentachlorophenol	16.36	266	650966	65.020	ng		98
70) Phenanthrene	16.74	178	2446900	43.047	ng		100
71) Anthracene	16.83	178	2471913	43.604	ng		98
72) Carbazole	17.11	167	2146646	43.299	ng		99
73) Di-n-butylphthalate	17.70	149	2512405	41.614	ng	#	96
74) Fluoranthene	18.77	202	3409355	48.400	ng		98
76) Benzidine	18.99	184	572014	16.430	ng		100
77) Pyrene	19.14	202	3526185	40.778	ng		100
79) Butylbenzylphthalate	20.09	149	1233597	40.117	ng	#	53
80) Benzo(a)anthracene	20.91	228	3559443	42.834	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	879988	26.994	ng	#	96
82) Chrysene	20.96	228	3238234	40.597	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1830727	40.470	ng	#	99
84) Di-n-octyl phthalate	21.72	149	3008765	40.980	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.01	276	3707744	44.882	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	3479539	40.065	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	3308676	39.749	ng	#	95
89) Benzo(a)pyrene	22.91	252	3320304	42.251	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	3042034	41.757	ng	#	91
91) Benzo(g,h,i)perylene	25.61	276	3061418	42.795	ng	#	85

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

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