Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015503.D
Acq On : 06 Jun 2018 23:39
Operator : SJ/JU
Sample : PB109923BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB109923BS

Manual Integrations APPROVED
Sohil
6/7/2018 1:04:56 PM

Quant Time: Jun 07 08:59:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 06 14:01:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	145171	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	577657	20.00	ng		0.00
38) Acenaphthene-d10	14.97	164	304140	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	628997	20.00	ng		0.00
75) Chrysene-d12	21.80	240	638636	20.00	ng		0.00
86) Perylene-d12	24.21	264	651603	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	934342	109.48	ng		0.00
7) Phenol-d6	7.50	99	1216956	94.34	ng		0.00
23) Nitrobenzene-d5	9.54	82	781176	73.56	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	420644	96.24	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	1611736	71.15	ng		0.00
78) Terphenyl-d14	20.25	244	2262042	81.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	95354	29.958	ng	#	100
3) Pyridine	4.03	79	246862	26.678	ng	#	87
4) n-Nitrosodimethylamine	3.94	42	170916	33.014	ng	#	59
6) Aniline	7.67	93	160382	9.801	ng		94
8) 2-Chlorophenol	7.91	128	304465	28.795	ng		95
9) Benzaldehyde	7.48	77	151801	18.488	ng		89
10) Phenol	7.53	94	362516	27.708	ng		83
11) bis(2-Chloroethyl)ether	7.76	93	266285	26.068	ng		89
12) 1,3-Dichlorobenzene	8.24	146	326284	28.869	ng	#	94
13) 1,4-Dichlorobenzene	8.39	146	330080	28.616	ng		95
14) 1,2-Dichlorobenzene	8.71	146	314842	27.932	ng		95
15) Benzyl Alcohol	8.60	79	261800	25.358	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.88	45	449711	26.490	ng		97
17) 2-Methylphenol	8.80	107	243593	26.464	ng	#	92
18) Hexachloroethane	9.45	117	124361	29.272	ng		93
19) n-Nitroso-di-n-propylamine	9.17	70	225697	23.140	ng	#	85
20) 3+4-Methylphenols	9.13	107	326041	25.614	ng		93
22) Acetophenone	9.19	105	423156	29.779	ng	#	91
24) Nitrobenzene	9.58	77	342480	30.762	ng		98
25) Isophorone	10.10	82	570228	26.650	ng		95
26) 2-Nitrophenol	10.30	139	146391	29.158	ng	#	74
27) 2,4-Dimethylphenol	10.34	122	274800	29.171	ng		90
28) bis(2-Chloroethoxy)methane	10.57	93	355896	28.296	ng		100
29) 2,4-Dichlorophenol	10.83	162	265863	30.280	ng		96
30) 1,2,4-Trichlorobenzene	11.05	180	291999	30.964	ng		99
31) Naphthalene	11.24	128	887017	29.628	ng		99
32) Benzoic acid	10.47	122	159024m	23.808	ng		
33) 4-Chloroaniline	11.35	127	121603	9.154	ng	#	88
34) Hexachlorobutadiene	11.50	225	178934	32.656	ng		98
35) Caprolactam	12.13	113	75915	22.551	ng		92
36) 4-Chloro-3-methylphenol	12.45	107	280888	26.909	ng		90
37) 2-Methylnaphthalene	12.82	142	643527	28.600	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	306055	32.638	ng	#	100
40) Hexachlorocyclopentadiene	13.15	237	284909	55.336	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	198372	31.222	ng		98
43) 2,4,5-Trichlorophenol	13.49	196	210976	30.246	ng	#	89
45) 1,1'-Biphenyl	13.81	154	791036	31.468	ng		98
46) 2-Chloronaphthalene	13.86	162	608917	31.594	ng		94
47) 2-Nitroaniline	14.06	65	189296	29.719	ng	#	81
48) Acenaphthylene	14.70	152	973610	31.504	ng		99
49) Dimethylphthalate	14.42	163	750897	28.754	ng		100
50) 2,6-Dinitrotoluene	14.55	165	158829	28.606	ng	#	87
51) Acenaphthene	15.03	154	564013	29.921	ng		98
52) 3-Nitroaniline	14.88	138	80267	13.613	ng	#	75
53) 2,4-Dinitrophenol	15.09	184	118439	37.090	ng		95
54) Dibenzofuran	15.36	168	902458	29.743	ng	#	91
55) 4-Nitrophenol	15.17	139	268862	51.626	ng	#	57
56) 2,4-Dinitrotoluene	15.33	165	217371	28.182	ng	#	84
57) Fluorene	16.01	166	713925	28.599	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.59	232	180195	27.925	ng	#	100
59) Diethylphthalate	15.76	149	756668	28.072	ng		97
60) 4-Chlorophenyl-phenylether	15.99	204	357166	28.786	ng		94
61) 4-Nitroaniline	16.03	138	158593	24.288	ng	#	63
62) Azobenzene	16.28	77	774765	30.854	ng		86
64) 4,6-Dinitro-2-methylphenol	16.09	198	96962	26.761	ng		90
65) n-Nitrosodiphenylamine	16.20	169	618348	31.835	ng		100
66) 4-Bromophenyl-phenylether	16.88	248	216472	32.140	ng	#	89
67) Hexachlorobenzene	17.00	284	242301	31.285	ng	#	87
68) Atrazine	17.13	200	210936	31.187	ng		97
69) Pentachlorophenol	17.34	266	263064	57.828	ng		98
70) Phenanthrene	17.73	178	1084010	30.551	ng		99
71) Anthracene	17.83	178	1096969	30.189	ng		99
72) Carbazole	18.09	167	996285	29.590	ng		99
73) Di-n-butylphthalate	18.61	149	1203066	28.546	ng	#	98
74) Fluoranthene	19.71	202	1198932	28.089	ng		97
76) Benzidine	19.89	184	335591	15.438	ng		99
77) Pyrene	20.07	202	1233209	31.949	ng		100
79) Butylbenzylphthalate	20.92	149	554385	29.859	ng		89
80) Benzo(a)anthracene	21.78	228	1237979	30.446	ng		100
81) 3,3'-Dichlorobenzidine	21.70	252	126009	7.873	ng		100
82) Chrysene	21.83	228	1158620	30.723	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	799190	29.092	ng		97
84) Di-n-octyl phthalate	22.59	149	1365869	28.505	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.72	276	1440202	28.051	ng	#	91
87) Benzo(b)fluoranthene	23.48	252	1275146	32.232	ng		97
88) Benzo(k)fluoranthene	23.53	252	1188334	31.564	ng		99
89) Benzo(a)pyrene	24.11	252	1195351	31.262	ng		98
90) Dibenzo(a,h)anthracene	26.72	278	1230079	30.965	ng		99
91) Benzo(g,h,i)perylene	27.49	276	1180130	30.638	ng		96

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

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