Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018548.D
Acq On : 11 Jan 2019 23:20
Operator : JU/SJ
Sample : PB116317BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:09 PM

Quant Time: Jan 12 01:09:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	264022	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1181183	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	740931	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1892480	20.00	ng		0.00
76) Chrysene-d12	21.34	240	2463624	20.00	ng		0.00
87) Perylene-d12	23.63	264	2977782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1754184	122.68	ng		0.00
7) Phenol-d6	6.93	99	2340809	128.89	ng		0.00
23) Nitrobenzene-d5	8.92	82	1363199	66.90	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1157568	122.70	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3697143	65.11	ng		0.00
79) Terphenyl-d14	19.79	244	7215819	61.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	132633	22.759	ng		94
3) Pyridine	3.68	79	393033	27.051	ng		94
4) n-Nitrosodimethylamine	3.60	42	212577	35.382	ng	#	92
6) Aniline	7.09	93	258199	12.745	ng		100
8) 2-Chlorophenol	7.32	128	684977	41.018	ng		95
9) Benzaldehyde	6.91	77	184723	14.908	ng		94
10) Phenol	6.96	94	781076	42.325	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	503441	34.719	ng		96
12) 1,3-Dichlorobenzene	7.64	146	642087	32.286	ng		98
13) 1,4-Dichlorobenzene	7.79	146	662567	32.870	ng		98
14) 1,2-Dichlorobenzene	8.10	146	646953	33.848	ng		99
15) Benzyl Alcohol	8.00	79	546041	41.629	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	625026	33.729	ng		94
17) 2-Methylphenol	8.20	107	544836	43.494	ng		99
18) Hexachloroethane	8.82	117	232464	32.345	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	431421	36.503	ng		94
20) 3+4-Methylphenols	8.53	107	750886	43.422	ng		99
22) Acetophenone	8.58	105	901034	30.837	ng	#	97
24) Nitrobenzene	8.96	77	654146	32.629	ng		96
25) Isophorone	9.48	82	1203166	38.995	ng		98
26) 2-Nitrophenol	9.67	139	363287	37.476	ng		95
27) 2,4-Dimethylphenol	9.72	122	620313	42.692	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	737530	34.602	ng		99
29) 2,4-Dichlorophenol	10.20	162	688095	39.770	ng		97
30) 1,2,4-Trichlorobenzene	10.40	180	669625	31.181	ng		99
31) Naphthalene	10.60	128	2005930	35.262	ng		98
32) Benzoic acid	9.85	122	432369m	44.711	ng		
33) 4-Chloroaniline	10.72	127	231220	10.321	ng		98
34) Hexachlorobutadiene	10.86	225	397383	29.290	ng		97
35) Caprolactam	11.52	113	230633m	39.207	ng		
36) 4-Chloro-3-methylphenol	11.85	107	738820	40.702	ng		99
37) 2-Methylnaphthalene	12.21	142	1530313	38.075	ng		99
38) 1-Methylnaphthalene	12.43	142	1475267	37.935	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	799571	30.860	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	929200	65.344 ng		99
43) 2,4,6-Trichlorophenol	12.83	196	581868	36.981 ng		98
44) 2,4,5-Trichlorophenol	12.90	196	629770	38.058 ng		98
46) 1,1'-Biphenyl	13.23	154	2020552	31.232 ng		98
47) 2-Chloronaphthalene	13.27	162	1586137	31.617 ng		99
48) 2-Nitroaniline	13.49	65	459328	37.215 ng		90
49) Acenaphthylene	14.13	152	2652723	36.284 ng		100
50) Dimethylphthalate	13.86	163	2144490	35.242 ng		99
51) 2,6-Dinitrotoluene	13.99	165	475704	36.906 ng		92
52) Acenaphthene	14.47	154	1530170	34.206 ng		97
53) 3-Nitroaniline	14.32	138	191259	14.718 ng		95
54) 2,4-Dinitrophenol	14.53	184	528112	76.073 ng		92
55) Dibenzofuran	14.80	168	2502781	33.862 ng		99
56) 4-Nitrophenol	14.64	139	959965	85.511 ng		96
57) 2,4-Dinitrotoluene	14.78	165	702667	38.529 ng		96
58) Fluorene	15.46	166	2081625	37.807 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	604572	41.218 ng		98
60) Diethylphthalate	15.23	149	2216757	36.086 ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1047654	33.014 ng		99
62) 4-Nitroaniline	15.49	138	508524	35.877 ng		97
63) Azobenzene	15.74	77	1734761	34.637 ng		95
65) 4,6-Dinitro-2-methylphenol	15.54	198	366035	32.328 ng		86
66) n-Nitrosodiphenylamine	15.67	169	1870651	31.866 ng		99
67) 4-Bromophenyl-phenylether	16.34	248	648081	30.602 ng		99
68) Hexachlorobenzene	16.45	284	745815	31.458 ng		97
69) Atrazine	16.62	200	743536	35.035 ng		99
70) Pentachlorophenol	16.80	266	1042727	67.155 ng		99
71) Phenanthrene	17.20	178	3553779	35.305 ng		100
72) Anthracene	17.29	178	3631249	37.514 ng		100
73) Carbazole	17.56	167	3470403	34.897 ng		100
74) Di-n-butylphthalate	18.12	149	4036212	37.053 ng		99
75) Fluoranthene	19.22	202	4592112	39.569 ng		98
77) Benzidine	19.41	184	2175867	35.769 ng		99
78) Pyrene	19.58	202	4787407	32.783 ng		99
80) Butylbenzylphthalate	20.48	149	2186786	35.094 ng		97
81) Benzo(a)anthracene	21.33	228	5248203	36.161 ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	1031292	18.791 ng		99
83) Chrysene	21.39	228	4984763	35.567 ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	3166596	35.192 ng		100
85) Di-n-octyl phthalate	22.14	149	5839119	38.583 ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.95	276	7857754	48.622 ng		96
88) Benzo(b)fluoranthene	22.94	252	5904508	34.926 ng		99
89) Benzo(k)fluoranthene	22.99	252	5687983	33.386 ng		98
90) Benzo(a)pyrene	23.53	252	5931891	36.651 ng		97
91) Dibenzo(a,h)anthracene	25.97	278	6549929	39.941 ng		98
92) Benzo(g,h,i)perylene	26.67	276	6638495	41.599 ng		97

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

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