Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018893.D
Acq On : 21 Feb 2019 13:31
Operator : JU/SJ
Sample : PB117258BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117258BS

Manual Integrations APPROVED
Sohil
2/22/2019 9:32:37 AM

Quant Time: Feb 22 03:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	263185	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1110567	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	634917	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1390759	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1386952	20.00	ng		-0.01
87) Perylene-d12	23.54	264	1165657	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2575310	160.33	ng		-0.01
7) Phenol-d6	6.88	99	3559498	157.30	ng		0.00
23) Nitrobenzene-d5	8.87	82	1916814	79.81	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1366230	149.28	ng		-0.01
45) 2-Fluorobiphenyl	12.96	172	3779876	79.03	ng		-0.02
79) Terphenyl-d14	19.73	244	6329684	94.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	244519	34.951	ng		97
3) Pyridine	3.64	79	727777	38.137	ng		100
4) n-Nitrosodimethylamine	3.56	42	232767	47.947	ng		93
6) Aniline	7.04	93	874779	31.551	ng		100
8) 2-Chlorophenol	7.26	128	796504	45.165	ng		97
9) Benzaldehyde	6.86	77	323873	23.165	ng		98
10) Phenol	6.90	94	1083575	45.510	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	735415	40.491	ng		99
12) 1,3-Dichlorobenzene	7.58	146	781509	39.410	ng		99
13) 1,4-Dichlorobenzene	7.73	146	803647	39.808	ng		100
14) 1,2-Dichlorobenzene	8.05	146	778024	40.121	ng		98
15) Benzyl Alcohol	7.95	79	771561	42.912	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	722994	41.129	ng		98
17) 2-Methylphenol	8.15	107	682343	45.027	ng		97
18) Hexachloroethane	8.76	117	294600	39.975	ng		96
19) n-Nitroso-di-n-propylamine	8.51	70	702638	40.103	ng		98
20) 3+4-Methylphenols	8.47	107	920367	43.983	ng		99
22) Acetophenone	8.53	105	1165282	38.208	ng	#	99
24) Nitrobenzene	8.91	77	1016567	40.775	ng		99
25) Isophorone	9.43	82	1747991	45.612	ng		100
26) 2-Nitrophenol	9.61	139	416378	41.938	ng		99
27) 2,4-Dimethylphenol	9.66	122	710933	49.026	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1041127	42.011	ng		99
29) 2,4-Dichlorophenol	10.14	162	730160	43.852	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	756762	39.355	ng		98
31) Naphthalene	10.53	128	2340198	43.206	ng		99
32) Benzoic acid	9.83	122	453177	35.826	ng		95
33) 4-Chloroaniline	10.66	127	479667	19.811	ng		100
34) Hexachlorobutadiene	10.80	225	404044	36.200	ng		99
35) Caprolactam	11.48	113	232383m	34.197	ng		
36) 4-Chloro-3-methylphenol	11.79	107	842112	41.948	ng		98
37) 2-Methylnaphthalene	12.15	142	1733311	45.453	ng		100
38) 1-Methylnaphthalene	12.37	142	1630363	43.721	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	803616	39.567	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	874682	84.233 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	575670	42.815 ng	100
44) 2,4,5-Trichlorophenol	12.85	196	612700	43.477 ng	99
46) 1,1'-Biphenyl	13.17	154	2194991	40.163 ng	100
47) 2-Chloronaphthalene	13.22	162	1700254	40.278 ng	100
48) 2-Nitroaniline	13.44	65	597796	42.640 ng	99
49) Acenaphthylene	14.07	152	2774205	44.136 ng	99
50) Dimethylphthalate	13.82	163	2133932	40.328 ng	99
51) 2,6-Dinitrotoluene	13.94	165	473409	41.301 ng	100
52) Acenaphthene	14.42	154	1599140	41.491 ng	100
53) 3-Nitroaniline	14.28	138	340362	26.280 ng	96
54) 2,4-Dinitrophenol	14.49	184	411604	58.278 ng	98
55) Dibenzofuran	14.75	168	2578830	40.709 ng	99
56) 4-Nitrophenol	14.59	139	775147	74.976 ng	99
57) 2,4-Dinitrotoluene	14.73	165	661038	41.857 ng	98
58) Fluorene	15.40	166	2096634	43.262 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	542863	43.580 ng	99
60) Diethylphthalate	15.18	149	2190872	40.138 ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1030918	37.940 ng	97
62) 4-Nitroaniline	15.44	138	448035	35.287 ng	99
63) Azobenzene	15.69	77	2385514	40.761 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	322125	32.989 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1812048	41.239 ng	99
67) 4-Bromophenyl-phenylether	16.29	248	614651	39.484 ng	97
68) Hexachlorobenzene	16.40	284	713561	39.435 ng	97
69) Atrazine	16.57	200	613630	43.318 ng	99
70) Pentachlorophenol	16.75	266	873380	74.964 ng	99
71) Phenanthrene	17.14	178	3238032	43.323 ng	100
72) Anthracene	17.23	178	3268284	44.926 ng	99
73) Carbazole	17.52	167	2955590	38.887 ng	99
74) Di-n-butylphthalate	18.07	149	3702183	42.354 ng	100
75) Fluoranthene	19.17	202	3652559	42.306 ng	99
77) Benzidine	19.36	184	1265298	40.508 ng	100
78) Pyrene	19.53	202	3752150	46.580 ng	100
80) Butylbenzylphthalate	20.43	149	1731110	47.155 ng	99
81) Benzo(a)anthracene	21.28	228	3533276	43.703 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	985809	30.852 ng	99
83) Chrysene	21.33	228	3306627	42.671 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2511040	46.734 ng	99
85) Di-n-octyl phthalate	22.09	149	4320768	47.846 ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3339818	37.330 ng	100
88) Benzo(b)fluoranthene	22.87	252	3275567	49.115 ng	100
89) Benzo(k)fluoranthene	22.91	252	3242085	48.830 ng	100
90) Benzo(a)pyrene	23.45	252	3060185	48.437 ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2883360	46.065 ng	99
92) Benzo(g,h,i)perylene	26.53	276	2706656	46.448 ng	100

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

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