Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018738.D
Acq On : 07 Feb 2019 15:29
Operator : JU/SJ
Sample : PB116909BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Manual Integrations APPROVED
Sohil
2/11/2019 5:02:55 PM

Quant Time: Feb 08 10:57:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	242762	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	893472	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	445765	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	890343	20.00	ng		0.00
76) Chrysene-d12	21.31	240	819631	20.00	ng		0.00
87) Perylene-d12	23.57	264	805941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1939355	147.51	ng		0.00
7) Phenol-d6	6.89	99	2370657	141.97	ng		0.00
23) Nitrobenzene-d5	8.88	82	1198246	77.75	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	793570	139.82	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	2795609	81.83	ng		0.00
79) Terphenyl-d14	19.74	244	3561953	91.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	216378	40.381	ng		99
3) Pyridine	3.66	79	561445	42.026	ng		97
4) n-Nitrosodimethylamine	3.58	42	268348	48.576	ng	#	95
6) Aniline	7.06	93	651292	34.965	ng		98
8) 2-Chlorophenol	7.28	128	641994	41.811	ng		97
9) Benzaldehyde	6.88	77	292558	28.016	ng		96
10) Phenol	6.92	94	697548	41.109	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	524943	39.372	ng		97
12) 1,3-Dichlorobenzene	7.60	146	719609	39.352	ng		99
13) 1,4-Dichlorobenzene	7.75	146	732587	39.527	ng		99
14) 1,2-Dichlorobenzene	8.06	146	698186	39.728	ng		99
15) Benzyl Alcohol	7.96	79	469929	38.964	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	706108	41.441	ng		96
17) 2-Methylphenol	8.16	107	472127	40.990	ng		99
18) Hexachloroethane	8.78	117	256818	38.863	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	397285	36.559	ng		95
20) 3+4-Methylphenols	8.49	107	630563	39.657	ng		99
22) Acetophenone	8.55	105	826137	37.378	ng	#	98
24) Nitrobenzene	8.93	77	616267	40.638	ng		97
25) Isophorone	9.45	82	1029367	44.106	ng		99
26) 2-Nitrophenol	9.63	139	315508	43.028	ng		97
27) 2,4-Dimethylphenol	9.69	122	512214	46.604	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	659118	40.881	ng		98
29) 2,4-Dichlorophenol	10.16	162	548969	41.946	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	643908	39.639	ng		98
31) Naphthalene	10.56	128	1849088	42.972	ng		100
32) Benzoic acid	9.82	122	302232	41.811	ng		99
33) 4-Chloroaniline	10.68	127	265885	15.690	ng		99
34) Hexachlorobutadiene	10.82	225	388541	37.860	ng		99
35) Caprolactam	11.49	113	134788m	30.292	ng		
36) 4-Chloro-3-methylphenol	11.80	107	526891	38.374	ng		99
37) 2-Methylnaphthalene	12.17	142	1294816	42.590	ng		100
38) 1-Methylnaphthalene	12.39	142	1219846	41.468	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	664692	42.641	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	878171	102.647 ng	100
43) 2,4,6-Trichlorophenol	12.79	196	415978	43.944 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	433245	43.518 ng	99
46) 1,1'-Biphenyl	13.19	154	1598396	41.067 ng	99
47) 2-Chloronaphthalene	13.23	162	1242646	41.171 ng	99
48) 2-Nitroaniline	13.46	65	295656	39.816 ng	93
49) Acenaphthylene	14.09	152	1918073	43.607 ng	99
50) Dimethylphthalate	13.83	163	1420762	38.809 ng	99
51) 2,6-Dinitrotoluene	13.96	165	311972	40.230 ng	91
52) Acenaphthene	14.43	154	1112826	41.349 ng	97
53) 3-Nitroaniline	14.29	138	179361	22.942 ng	95
54) 2,4-Dinitrophenol	14.50	184	311249	74.669 ng	90
55) Dibenzofuran	14.77	168	1757103	39.514 ng	100
56) 4-Nitrophenol	14.60	139	495955	73.431 ng	97
57) 2,4-Dinitrotoluene	14.75	165	414039	37.736 ng	99
58) Fluorene	15.42	166	1379794	41.654 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	367528	41.649 ng	98
60) Diethylphthalate	15.19	149	1384252	37.455 ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	713009	37.346 ng	99
62) 4-Nitroaniline	15.46	138	268049	31.433 ng	94
63) Azobenzene	15.70	77	1160225	38.504 ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	214592	38.958 ng	91
66) n-Nitrosodiphenylamine	15.63	169	1165496	42.201 ng	99
67) 4-Bromophenyl-phenylether	16.31	248	403789	40.527 ng	97
68) Hexachlorobenzene	16.41	284	452898	40.604 ng	100
69) Atrazine	16.59	200	388118	38.873 ng	97
70) Pentachlorophenol	16.76	266	534265	73.137 ng	99
71) Phenanthrene	17.16	178	2030011	42.866 ng	99
72) Anthracene	17.25	178	2056086	45.150 ng	99
73) Carbazole	17.53	167	1796424	38.396 ng	99
74) Di-n-butylphthalate	18.08	149	2079817	40.583 ng	99
75) Fluoranthene	19.18	202	2160754	39.575 ng	99
77) Benzidine	19.37	184	881857	43.575 ng	100
78) Pyrene	19.54	202	2240015	46.106 ng	100
80) Butylbenzylphthalate	20.44	149	869634	41.948 ng	98
81) Benzo(a)anthracene	21.29	228	2094727	43.382 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	534435	29.270 ng	99
83) Chrysene	21.34	228	1983370	42.537 ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1211792	40.480 ng	100
85) Di-n-octyl phthalate	22.10	149	2027819	40.275 ng	96
86) Indeno(1,2,3-cd)pyrene	25.86	276	2456468	45.688 ng	98
88) Benzo(b)fluoranthene	22.89	252	2063104	45.090 ng	99
89) Benzo(k)fluoranthene	22.93	252	1973307	42.795 ng	98
90) Benzo(a)pyrene	23.47	252	1994993	45.544 ng	98
91) Dibenzo(a,h)anthracene	25.87	278	2066746	46.565 ng	100
92) Benzo(g,h,i)perylene	26.56	276	2072278	47.979 ng	98

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

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