Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018822.D
Acq On : 15 Feb 2019 18:19
Operator : JU/SJ
Sample : K1501-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Manual Integrations APPROVED
Sohil
2/18/2019 12:09:23 PM

Quant Time: Feb 15 23:18:10 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	7.71	152	331069	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1384378	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	811509	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	1892298	20.00	ng		0.00
76) Chrysene-d12	21.31	240	2101467	20.00	ng		0.00
87) Perylene-d12	23.56	264	1857927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	4722456	233.72	ng		0.00
7) Phenol-d6	6.90	99	6915277	242.94	ng		0.01
23) Nitrobenzene-d5	8.88	82	4511301	150.68	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	3080720	263.36	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	8491774	138.91	ng		0.00
79) Terphenyl-d14	19.74	244	12512257	122.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	414219	47.067	ng		98
3) Pyridine	3.65	79	1285471	53.549	ng		99
4) n-Nitrosodimethylamine	3.56	42	478207	78.306	ng		91
6) Aniline	7.06	93	2361299	67.704	ng		99
8) 2-Chlorophenol	7.28	128	1617042	72.891	ng		99
9) Benzaldehyde	6.86	77	734744	50.622	ng		97
10) Phenol	6.92	94	2594780	86.634	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	1538015	67.317	ng		99
12) 1,3-Dichlorobenzene	7.59	146	1539577	61.718	ng		100
13) 1,4-Dichlorobenzene	7.75	146	1594279	62.778	ng		99
14) 1,2-Dichlorobenzene	8.06	146	1561007	63.992	ng		99
15) Benzyl Alcohol	7.96	79	1710583	75.629	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1474211	66.668	ng		98
17) 2-Methylphenol	8.16	107	1444354	75.768	ng		99
18) Hexachloroethane	8.77	117	601920	64.929	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	1561101	70.831	ng		99
20) 3+4-Methylphenols	8.49	107	2020957	76.775	ng		97
22) Acetophenone	8.55	105	2570424	67.611	ng	#	99
24) Nitrobenzene	8.92	77	2177037	70.052	ng		100
25) Isophorone	9.45	82	3974121	83.189	ng		99
26) 2-Nitrophenol	9.62	139	918005	74.175	ng		100
27) 2,4-Dimethylphenol	9.68	122	1561364	86.376	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	2272630	73.566	ng		100
29) 2,4-Dichlorophenol	10.15	162	1616929	77.902	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	1609651	67.153	ng		99
31) Naphthalene	10.55	128	4963291	73.511	ng		99
32) Benzoic acid	9.89	122	1058589	67.135	ng		95
33) 4-Chloroaniline	10.67	127	787945	26.107	ng		99
34) Hexachlorobutadiene	10.81	225	862286	61.976	ng		100
35) Caprolactam	11.52	113	596860m	70.461	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1970712	78.751	ng		99
37) 2-Methylnaphthalene	12.17	142	3786029	79.645	ng		99
38) 1-Methylnaphthalene	12.39	142	3587950	77.186	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1807043	69.610	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	2078177	156.580	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	1353631	78.768	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	1458746	80.986	ng	99
46) 1,1'-Biphenyl	13.19	154	4842870	69.329	ng	100
47) 2-Chloronaphthalene	13.23	162	3798820	70.409	ng	100
48) 2-Nitroaniline	13.46	65	1430244	79.817	ng	99
49) Acenaphthylene	14.09	152	6315732	78.615	ng	99
50) Dimethylphthalate	13.83	163	5455651	80.668	ng	99
51) 2,6-Dinitrotoluene	13.96	165	1137700	77.657	ng	99
52) Acenaphthene	14.43	154	3650169	74.098	ng	99
53) 3-Nitroaniline	14.29	138	740481	44.733	ng	97
54) 2,4-Dinitrophenol	14.50	184	1427327	148.244	ng	96
55) Dibenzofuran	14.76	168	5929390	73.231	ng	99
56) 4-Nitrophenol	14.62	139	2113726	159.959	ng	97
57) 2,4-Dinitrotoluene	14.75	165	1653126	81.897	ng	97
58) Fluorene	15.42	166	4993245	80.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1348462	84.695	ng	100
60) Diethylphthalate	15.20	149	5248345	75.230	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	2483510	71.509	ng	96
62) 4-Nitroaniline	15.47	138	1226602	75.584	ng	99
63) Azobenzene	15.70	77	5652570	75.567	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	947978	71.352	ng	99
66) n-Nitrosodiphenylamine	15.63	169	4343195	72.647	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	1508177	71.204	ng	99
68) Hexachlorobenzene	16.41	284	1753244	71.213	ng	97
69) Atrazine	16.59	200	1445033	74.973	ng	100
70) Pentachlorophenol	16.76	266	2431545	153.389	ng	100
71) Phenanthrene	17.16	178	7822513	76.921	ng	99
72) Anthracene	17.25	178	8032190	81.147	ng	99
73) Carbazole	17.53	167	7465283	72.189	ng	100
74) Di-n-butylphthalate	18.08	149	9280418	78.031	ng	99
75) Fluoranthene	19.18	202	9406533	80.076	ng	98
77) Benzidine	19.38	184	5921809	125.123	ng	100
78) Pyrene	19.54	202	9597296	78.633	ng	98
80) Butylbenzylphthalate	20.44	149	4753893	85.466	ng	99
81) Benzo(a)anthracene	21.30	228	9588920	78.278	ng	98
82) 3,3'-Dichlorobenzidine	21.23	252	2198387	45.409	ng	100
83) Chrysene	21.35	228	8889845	75.714	ng	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	6828739	83.880	ng	97
85) Di-n-octyl phthalate	22.10	149	11157256	81.542	ng	99
86) Indeno(1,2,3-cd)pyrene	25.87	276	8754444	64.581	ng	99
88) Benzo(b)fluoranthene	22.89	252	8828788	83.056	ng	99
89) Benzo(k)fluoranthene	22.94	252	8890235	84.007	ng	99
90) Benzo(a)pyrene	23.47	252	8297616	82.400	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	7454400	74.718	ng	98
92) Benzo(g,h,i)perylene	26.57	276	6815967	73.384	ng	99

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

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