Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018914.D
Acq On : 25 Feb 2019 14:11
Operator : JU/SJ
Sample : K1586-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-1MS

Manual Integrations APPROVED
Sohil
2/26/2019 12:06:01 PM

Quant Time: Feb 26 03:13:52 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 25 12:45:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	207021	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	794664	20.00	ng		0.00
39) Acenaphthene-d10	14.34	164	425625	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	921407	20.00	ng		0.00
76) Chrysene-d12	21.29	240	1057325	20.00	ng		0.00
87) Perylene-d12	23.54	264	1143719	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1621854	128.36	ng		0.00
7) Phenol-d6	6.87	99	2249242	126.36	ng		0.00
23) Nitrobenzene-d5	8.86	82	1432446	83.35	ng		-0.01
42) 2,4,6-Tribromophenol	15.84	330	793569	129.35	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	2523657	78.71	ng		0.00
79) Terphenyl-d14	19.73	244	3690305	72.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	175869	31.958	ng		97
3) Pyridine	3.65	79	538228	35.856	ng		100
4) n-Nitrosodimethylamine	3.56	42	169830	44.473	ng		91
6) Aniline	7.03	93	817891	37.503	ng		99
8) 2-Chlorophenol	7.26	128	546361	39.386	ng		98
9) Benzaldehyde	6.85	77	276208	25.633	ng		99
10) Phenol	6.89	94	809160	43.204	ng		100
11) bis(2-Chloroethyl)ether	7.13	93	523627	36.652	ng		99
12) 1,3-Dichlorobenzene	7.58	146	570078	36.547	ng		98
13) 1,4-Dichlorobenzene	7.73	146	588527	37.061	ng		98
14) 1,2-Dichlorobenzene	8.04	146	560301	36.732	ng		99
15) Benzyl Alcohol	7.94	79	519235	36.713	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	512935	37.096	ng		98
17) 2-Methylphenol	8.13	107	464222	38.944	ng		97
18) Hexachloroethane	8.75	117	214617	37.023	ng		97
19) n-Nitroso-di-n-propylamine	8.50	70	487084	35.343	ng		99
20) 3+4-Methylphenols	8.46	107	623084	37.854	ng		99
22) Acetophenone	8.52	105	810993	37.162	ng	#	99
24) Nitrobenzene	8.90	77	695118	38.966	ng		99
25) Isophorone	9.42	82	1193214	43.513	ng		100
26) 2-Nitrophenol	9.60	139	282191	39.721	ng		99
27) 2,4-Dimethylphenol	9.66	122	468856	45.186	ng		98
28) bis(2-Chloroethoxy)methane	9.90	93	705897	39.807	ng		99
29) 2,4-Dichlorophenol	10.13	162	482093	40.463	ng		100
30) 1,2,4-Trichlorobenzene	10.34	180	528279	38.394	ng		99
31) Naphthalene	10.53	128	1610543	41.555	ng		100
32) Benzoic acid	9.76	122	74333m	8.212	ng		
33) 4-Chloroaniline	10.66	127	576794	33.293	ng		99
34) Hexachlorobutadiene	10.79	225	287048	35.942	ng		99
35) Caprolactam	11.47	113	156718m	32.230	ng		
36) 4-Chloro-3-methylphenol	11.77	107	549277	38.238	ng		99
37) 2-Methylnaphthalene	12.15	142	1157388	42.416	ng		99
38) 1-Methylnaphthalene	12.37	142	1095274	41.047	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	541922	39.802	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	663676	95.340	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	376839	41.809	ng	99
44) 2,4,5-Trichlorophenol	12.84	196	397038	42.027	ng	99
46) 1,1'-Biphenyl	13.17	154	1435682	39.187	ng	99
47) 2-Chloronaphthalene	13.22	162	1119995	39.579	ng	100
48) 2-Nitroaniline	13.44	65	383660	40.822	ng	100
49) Acenaphthylene	14.06	152	1818176	43.150	ng	99
50) Dimethylphthalate	13.81	163	1552381	43.764	ng	100
51) 2,6-Dinitrotoluene	13.94	165	305587	39.770	ng	100
52) Acenaphthene	14.41	154	1038383	40.190	ng	99
53) 3-Nitroaniline	14.27	138	289033	33.291	ng	98
54) 2,4-Dinitrophenol	14.48	184	325439	67.702	ng	99
55) Dibenzofuran	14.74	168	1687258	39.731	ng	99
56) 4-Nitrophenol	14.58	139	539162	77.794	ng	97
57) 2,4-Dinitrotoluene	14.73	165	429355	40.555	ng	99
58) Fluorene	15.40	166	1364617	42.003	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	359032	42.995	ng	99
60) Diethylphthalate	15.17	149	1473746	40.277	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	667583	36.649	ng	99
62) 4-Nitroaniline	15.44	138	315698	37.091	ng	97
63) Azobenzene	15.69	77	1534867	39.122	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	241992	37.406	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1191363	40.925	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	395152	38.314	ng	96
68) Hexachlorobenzene	16.39	284	469345	39.151	ng	98
69) Atrazine	16.57	200	372896	39.733	ng	99
70) Pentachlorophenol	16.74	266	624722	80.935	ng	100
71) Phenanthrene	17.14	178	2163900	43.699	ng	99
72) Anthracene	17.23	178	2186060	45.357	ng	99
73) Carbazole	17.51	167	2028285	40.280	ng	99
74) Di-n-butylphthalate	18.06	149	2537325	43.814	ng	100
75) Fluoranthene	19.16	202	2536509	44.345	ng	99
77) Benzidine	19.36	184	1828422	76.784	ng	99
78) Pyrene	19.53	202	2619699	42.660	ng	99
80) Butylbenzylphthalate	20.43	149	1247692	44.582	ng	97
81) Benzo(a)anthracene	21.28	228	2694776	43.723	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	877983	36.044	ng	99
83) Chrysene	21.33	228	2525897	42.758	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1802106	43.996	ng	98
85) Di-n-octyl phthalate	22.08	149	3149570	45.750	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3488048	51.141	ng	100
88) Benzo(b)fluoranthene	22.86	252	2779137	42.471	ng	100
89) Benzo(k)fluoranthene	22.91	252	2782073	42.705	ng	99
90) Benzo(a)pyrene	23.44	252	2757024	44.476	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2950891	48.048	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2859745	50.016	ng	100

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

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