Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018955.D
Acq On : 27 Feb 2019 18:34
Operator : JU/SJ
Sample : K1627-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-02-(5-10)MSD

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:27 PM

Quant Time: Feb 28 04:13:54 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	7.69	152	240423	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1048794	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	608653	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	1378875	20.00	ng		-0.02
76) Chrysene-d12	21.30	240	1498813	20.00	ng		-0.01
87) Perylene-d12	23.54	264	1309854	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2196668	149.70	ng		-0.02
7) Phenol-d6	6.87	99	3308655	160.06	ng		-0.01
23) Nitrobenzene-d5	8.86	82	2135933	94.17	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	1366228	155.72	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	3970560	86.60	ng		-0.02
79) Terphenyl-d14	19.73	244	5883656	80.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	191720	29.998	ng		97
3) Pyridine	3.63	79	638748	36.641	ng		100
4) n-Nitrosodimethylamine	3.56	42	210854	47.545	ng		93
6) Aniline	7.03	93	1068826	42.200	ng		100
8) 2-Chlorophenol	7.26	128	783804	48.652	ng		96
9) Benzaldehyde	6.85	77	375097	31.277	ng		99
10) Phenol	6.90	94	1158306	53.254	ng		98
11) bis(2-Chloroethyl)ether	7.13	93	733297	44.197	ng		99
12) 1,3-Dichlorobenzene	7.57	146	754895	41.672	ng		99
13) 1,4-Dichlorobenzene	7.73	146	778675	42.223	ng		99
14) 1,2-Dichlorobenzene	8.04	146	769581	43.443	ng		98
15) Benzyl Alcohol	7.95	79	808044	49.195	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	743379	46.292	ng		98
17) 2-Methylphenol	8.14	107	699128	50.502	ng		98
18) Hexachloroethane	8.75	117	292216	43.406	ng		96
19) n-Nitroso-di-n-propylamine	8.50	70	742514	46.392	ng		98
20) 3+4-Methylphenols	8.47	107	963626	50.410	ng		100
22) Acetophenone	8.52	105	1225236	42.540	ng	#	99
24) Nitrobenzene	8.90	77	1048847	44.548	ng		99
25) Isophorone	9.42	82	1857511	51.324	ng		100
26) 2-Nitrophenol	9.60	139	448839	47.870	ng		98
27) 2,4-Dimethylphenol	9.66	122	744126	54.338	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	1086614	46.429	ng		99
29) 2,4-Dichlorophenol	10.13	162	769826	48.957	ng		99
30) 1,2,4-Trichlorobenzene	10.34	180	788462	43.419	ng		98
31) Naphthalene	10.53	128	2444377	47.788	ng		99
32) Benzoic acid	9.76	122	57945	4.851	ng		86
33) 4-Chloroaniline	10.66	127	675624	29.548	ng		99
34) Hexachlorobutadiene	10.79	225	426994	40.510	ng		99
35) Caprolactam	11.47	113	263707m	41.093	ng		
36) 4-Chloro-3-methylphenol	11.78	107	899194	47.430	ng		99
37) 2-Methylnaphthalene	12.14	142	1817733	50.474	ng		98
38) 1-Methylnaphthalene	12.37	142	1732392	49.193	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	866184	44.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	751092	75.452	ng	100
43) 2,4,6-Trichlorophenol	12.77	196	625266	48.510	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	666074	49.303	ng	98
46) 1,1'-Biphenyl	13.17	154	2328459	44.443	ng	99
47) 2-Chloronaphthalene	13.22	162	1829477	45.210	ng	100
48) 2-Nitroaniline	13.44	65	661788	49.241	ng	98
49) Acenaphthylene	14.07	152	2983682	49.517	ng	99
50) Dimethylphthalate	13.82	163	2507928	49.442	ng	100
51) 2,6-Dinitrotoluene	13.94	165	514582	46.831	ng	99
52) Acenaphthene	14.41	154	1725892	46.712	ng	99
53) 3-Nitroaniline	14.27	138	449376	36.195	ng	98
54) 2,4-Dinitrophenol	14.49	184	457330	66.630	ng	97
55) Dibenzofuran	14.74	168	2796774	46.054	ng	99
56) 4-Nitrophenol	14.59	139	940970	94.942	ng	97
57) 2,4-Dinitrotoluene	14.73	165	732695	48.396	ng	97
58) Fluorene	15.40	166	2302931	49.569	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	598751	50.141	ng	100
60) Diethylphthalate	15.17	149	2363814	45.176	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1121169	43.042	ng	98
62) 4-Nitroaniline	15.44	138	538174	44.215	ng	98
63) Azobenzene	15.69	77	2595985	46.271	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	384563	39.723	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1981192	45.478	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	668601	43.320	ng	97
68) Hexachlorobenzene	16.39	284	802532	44.735	ng	97
69) Atrazine	16.57	200	619441	44.105	ng	99
70) Pentachlorophenol	16.74	266	1041533	90.168	ng	100
71) Phenanthrene	17.14	178	3630277	48.990	ng	99
72) Anthracene	17.23	178	3700099	51.300	ng	100
73) Carbazole	17.51	167	3385717	44.930	ng	99
74) Di-n-butylphthalate	18.06	149	4251207	49.054	ng	100
75) Fluoranthene	19.16	202	4345846	50.770	ng	98
77) Benzidine	19.37	184	2776402	82.251	ng	100
78) Pyrene	19.53	202	4449981	51.120	ng	100
80) Butylbenzylphthalate	20.43	149	2131359	53.725	ng	97
81) Benzo(a)anthracene	21.28	228	4323980	49.491	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1499860	43.437	ng	99
83) Chrysene	21.33	228	4032354	48.152	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3113123	53.615	ng	99
85) Di-n-octyl phthalate	22.08	149	5355532	54.878	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3920815	40.553	ng	100
88) Benzo(b)fluoranthene	22.87	252	3958457	52.820	ng	100
89) Benzo(k)fluoranthene	22.91	252	3779564	50.658	ng	100
90) Benzo(a)pyrene	23.45	252	3612619	50.886	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	3345711	47.567	ng	100
92) Benzo(g,h,i)perylene	26.54	276	3148718	48.085	ng	99

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

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