Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018785.D
Acq On : 12 Feb 2019 22:43
Operator : JU/SJ
Sample : K1460-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

Manual Integrations APPROVED
Sohil
2/13/2019 12:20:50 PM

Quant Time: Feb 13 03:11:17 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	7.72	152	385900	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1597895	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	897060	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1971664	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1894327	20.00	ng	0.00
87) Perylene-d12	23.57	264	1559857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1620141	68.79	ng	0.00
7) Phenol-d6	6.89	99	1462936	44.09	ng	0.00
23) Nitrobenzene-d5	8.89	82	2995094	86.67	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1706670	131.98	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5745044	85.02	ng	0.00
79) Terphenyl-d14	19.75	244	8578313	93.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	169154	16.490	ng	99
3) Pyridine	3.66	79	400676	14.319	ng	99
4) n-Nitrosodimethylamine	3.58	42	157741	22.160	ng	93
6) Aniline	7.06	93	561883	13.821	ng	100
8) 2-Chlorophenol	7.28	128	968101	37.438	ng	96
9) Benzaldehyde	6.87	77	580240	29.828	ng	98
10) Phenol	6.92	94	811978	23.258	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	1133910	42.578	ng	100
12) 1,3-Dichlorobenzene	7.60	146	1111687	38.233	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1138410	38.458	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1111401	39.088	ng	99
15) Benzyl Alcohol	7.97	79	765507	29.036	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1056433	40.987	ng	99
17) 2-Methylphenol	8.16	107	723246	32.549	ng	96
18) Hexachloroethane	8.78	117	423432	39.186	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	1084661	42.221	ng	100
20) 3+4-Methylphenols	8.49	107	889455	28.989	ng	99
22) Acetophenone	8.55	105	1792873	40.857	ng	99
24) Nitrobenzene	8.93	77	1538510	42.890	ng	99
25) Isophorone	9.45	82	2710000	49.148	ng	100
26) 2-Nitrophenol	9.63	139	612609	42.885	ng	100
27) 2,4-Dimethylphenol	9.69	122	929895	44.569	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1593680	44.695	ng	96
29) 2,4-Dichlorophenol	10.16	162	1019397	42.551	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1111309	40.167	ng	99
31) Naphthalene	10.56	128	3434261	44.068	ng	99
32) Benzoic acid	9.82	122	284766	15.646	ng	95
33) 4-Chloroaniline	10.69	127	307743	8.834	ng	99
34) Hexachlorobutadiene	10.82	225	616454	38.387	ng	99
35) Caprolactam	11.62	113	56346m	5.763	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1138261	39.408	ng	98
37) 2-Methylnaphthalene	12.17	142	2557550	46.613	ng	100
38) 1-Methylnaphthalene	12.39	142	2420076	45.105	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1225902	42.720	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1545200	105.320	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	851929	44.846	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	913282	45.868	ng	99
46) 1,1'-Biphenyl	13.19	154	3245174	42.027	ng	100
47) 2-Chloronaphthalene	13.24	162	2516031	42.186	ng	99
48) 2-Nitroaniline	13.46	65	889723	44.917	ng	98
49) Acenaphthylene	14.09	152	4082617	45.972	ng	99
50) Dimethylphthalate	13.83	163	3401301	45.496	ng	99
51) 2,6-Dinitrotoluene	13.96	165	718941	44.393	ng	97
52) Acenaphthene	14.43	154	2378770	43.684	ng	99
53) 3-Nitroaniline	14.30	138	488819	26.714	ng	99
54) 2,4-Dinitrophenol	14.50	184	844522	82.026	ng	96
55) Dibenzofuran	14.77	168	3839497	42.898	ng	99
56) 4-Nitrophenol	14.61	139	538835	36.888	ng	99
57) 2,4-Dinitrotoluene	14.75	165	1008164	45.182	ng	99
58) Fluorene	15.42	166	3121569	45.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	815039	46.310	ng	100
60) Diethylphthalate	15.20	149	3334390	43.237	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1586349	41.320	ng	96
62) 4-Nitroaniline	15.46	138	663044	36.961	ng	98
63) Azobenzene	15.71	77	3554774	42.990	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	541376	39.108	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2708320	43.477	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	947349	42.926	ng	99
68) Hexachlorobenzene	16.41	284	1075989	41.945	ng	99
69) Atrazine	16.59	200	930619	46.340	ng	100
70) Pentachlorophenol	16.77	266	1382472	83.700	ng	99
71) Phenanthrene	17.16	178	4779515	45.107	ng	99
72) Anthracene	17.25	178	4901714	47.528	ng	99
73) Carbazole	17.53	167	4459060	41.383	ng	99
74) Di-n-butylphthalate	18.09	149	5733645	46.269	ng	100
75) Fluoranthene	19.18	202	5455519	44.572	ng	98
77) Benzidine	19.38	184	777188	18.217	ng	100
78) Pyrene	19.54	202	5573006	50.654	ng	100
80) Butylbenzylphthalate	20.44	149	2683223	53.514	ng	100
81) Benzo(a)anthracene	21.29	228	5194275	47.039	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1361861	31.206	ng	100
83) Chrysene	21.34	228	4814927	45.493	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3817703	52.022	ng	99
85) Di-n-octyl phthalate	22.10	149	6193065	50.211	ng	99
86) Indeno(1,2,3-cd)pyrene	25.87	276	4331023	35.443	ng	100
88) Benzo(b)fluoranthene	22.89	252	4520180	50.649	ng	100
89) Benzo(k)fluoranthene	22.93	252	4413602	49.675	ng	100
90) Benzo(a)pyrene	23.47	252	4129222	48.841	ng	100
91) Dibenzo(a,h)anthracene	25.87	278	3667874	43.789	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3450450	44.248	ng	100

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

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