Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018915.D
Acq On : 25 Feb 2019 14:47
Operator : JU/SJ
Sample : K1586-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-1MSD

Manual Integrations APPROVED
Sohil
2/26/2019 12:06:04 PM

Quant Time: Feb 26 03:15:42 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	200952	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	765905	20.00	ng		0.00
39) Acenaphthene-d10	14.34	164	400666	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	871622	20.00	ng		0.00
76) Chrysene-d12	21.29	240	978292	20.00	ng		0.00
87) Perylene-d12	23.54	264	1049423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1622439	132.29	ng		0.00
7) Phenol-d6	6.87	99	2204196	127.57	ng		0.00
23) Nitrobenzene-d5	8.86	82	1409361	85.08	ng		-0.01
42) 2,4,6-Tribromophenol	15.84	330	750335	129.92	ng		-0.01
45) 2-Fluorobiphenyl	12.96	172	2443393	80.95	ng		0.00
79) Terphenyl-d14	19.73	244	3521977	74.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	183923	34.431	ng		99
3) Pyridine	3.65	79	538063	36.927	ng		98
4) n-Nitrosodimethylamine	3.56	42	166313	44.867	ng		94
6) Aniline	7.03	93	798041	37.698	ng		100
8) 2-Chlorophenol	7.26	128	543572	40.368	ng		97
9) Benzaldehyde	6.85	77	284577	27.637	ng		98
10) Phenol	6.89	94	793794	43.664	ng		98
11) bis(2-Chloroethyl)ether	7.13	93	522381	37.669	ng		99
12) 1,3-Dichlorobenzene	7.57	146	577252	38.125	ng		99
13) 1,4-Dichlorobenzene	7.73	146	587567	38.118	ng		100
14) 1,2-Dichlorobenzene	8.04	146	563861	38.082	ng		99
15) Benzyl Alcohol	7.94	79	512382	37.322	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	508381	37.877	ng		98
17) 2-Methylphenol	8.13	107	454094	39.245	ng		97
18) Hexachloroethane	8.75	117	214662	38.149	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	480502	35.918	ng		98
20) 3+4-Methylphenols	8.46	107	608743	38.100	ng		99
22) Acetophenone	8.52	105	804461	38.247	ng	#	99
24) Nitrobenzene	8.90	77	688929	40.069	ng		99
25) Isophorone	9.42	82	1162371	43.980	ng		99
26) 2-Nitrophenol	9.60	139	279235	40.781	ng		99
27) 2,4-Dimethylphenol	9.66	122	462617	46.259	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	690532	40.403	ng		100
29) 2,4-Dichlorophenol	10.13	162	471930	41.098	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	524637	39.561	ng		98
31) Naphthalene	10.53	128	1591270	42.600	ng		100
32) Benzoic acid	9.76	122	84837m	9.725	ng		
33) 4-Chloroaniline	10.66	127	564656	33.816	ng		99
34) Hexachlorobutadiene	10.79	225	287673	37.372	ng		98
35) Caprolactam	11.47	113	150588m	32.133	ng		
36) 4-Chloro-3-methylphenol	11.77	107	529347	38.234	ng		100
37) 2-Methylnaphthalene	12.15	142	1128749	42.919	ng		99
38) 1-Methylnaphthalene	12.37	142	1072825	41.716	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	525501	41.000	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	630402	96.201	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	362831	42.762	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	382055	42.960	ng	99
46) 1,1'-Biphenyl	13.17	154	1399013	40.565	ng	100
47) 2-Chloronaphthalene	13.22	162	1091763	40.985	ng	100
48) 2-Nitroaniline	13.44	65	365091	41.266	ng	98
49) Acenaphthylene	14.06	152	1770360	44.633	ng	99
50) Dimethylphthalate	13.81	163	1508900	45.188	ng	100
51) 2,6-Dinitrotoluene	13.94	165	293604	40.591	ng	98
52) Acenaphthene	14.41	154	1010858	41.562	ng	100
53) 3-Nitroaniline	14.27	138	269679	32.997	ng	99
54) 2,4-Dinitrophenol	14.48	184	314453	69.340	ng	99
55) Dibenzofuran	14.74	168	1623129	40.602	ng	100
56) 4-Nitrophenol	14.58	139	516926	79.232	ng	99
57) 2,4-Dinitrotoluene	14.73	165	414409	41.582	ng	99
58) Fluorene	15.40	166	1329589	43.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	343947	43.755	ng	99
60) Diethylphthalate	15.17	149	1394042	40.472	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	643476	37.526	ng	98
62) 4-Nitroaniline	15.44	138	303704	37.904	ng	98
63) Azobenzene	15.69	77	1475794	39.960	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	228990	37.418	ng	99
66) n-Nitrosodiphenylamine	15.61	169	1139710	41.387	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	381467	39.100	ng	96
68) Hexachlorobenzene	16.39	284	447482	39.460	ng	97
69) Atrazine	16.57	200	360845	40.645	ng	98
70) Pentachlorophenol	16.74	266	586571	80.333	ng	100
71) Phenanthrene	17.14	178	2058915	43.954	ng	100
72) Anthracene	17.23	178	2093088	45.908	ng	100
73) Carbazole	17.51	167	1936805	40.660	ng	99
74) Di-n-butylphthalate	18.06	149	2414514	44.075	ng	100
75) Fluoranthene	19.16	202	2462734	45.515	ng	99
77) Benzidine	19.36	184	1850113	83.972	ng	100
78) Pyrene	19.53	202	2523129	44.407	ng	99
80) Butylbenzylphthalate	20.43	149	1173902	45.334	ng	99
81) Benzo(a)anthracene	21.28	228	2561992	44.926	ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	849313	37.684	ng	99
83) Chrysene	21.33	228	2392609	43.773	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	1691484	44.631	ng	99
85) Di-n-octyl phthalate	22.08	149	2959396	46.460	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3256913	51.610	ng	100
88) Benzo(b)fluoranthene	22.86	252	2658460	44.277	ng	99
89) Benzo(k)fluoranthene	22.91	252	2623699	43.893	ng	100
90) Benzo(a)pyrene	23.44	252	2600326	45.717	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2758750	48.956	ng	100
92) Benzo(g,h,i)perylene	26.53	276	2676238	51.013	ng	99

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

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