Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018881.D
Acq On : 20 Feb 2019 13:15
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1MSD

Quant Time: Feb 20 14:03:38 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	7.70	152	301771	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1290647	20.00	ng		-0.01
39) Acenaphthene-d10	14.35	164	770117	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1770632	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1795447	20.00	ng		0.00
87) Perylene-d12	23.56	264	1516960	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1141594	61.98	ng		0.00
7) Phenol-d6	6.88	99	994197	38.32	ng		0.00
23) Nitrobenzene-d5	8.87	82	2711437	97.14	ng		-0.01
42) 2,4,6-Tribromophenol	15.85	330	1670152	150.45	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	5462081	94.15	ng		-0.01
79) Terphenyl-d14	19.74	244	8626649	99.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	126931	15.823	ng	#	92
3) Pyridine	3.66	79	258020	11.792	ng		98
4) n-Nitrosodimethylamine	3.58	42	112364	20.186	ng	#	93
6) Aniline	7.05	93	962801	30.286	ng		99
8) 2-Chlorophenol	7.27	128	774386	38.296	ng		98
9) Benzaldehyde	6.86	77	2502399	Below Cal		#	1
10) Phenol	6.91	94	389462	14.266	ng	#	62
11) bis(2-Chloroethyl)ether	7.15	93	950375	45.635	ng		98
12) 1,3-Dichlorobenzene	7.59	146	1009516	44.398	ng		99
13) 1,4-Dichlorobenzene	7.74	146	1038660	44.870	ng		100
14) 1,2-Dichlorobenzene	8.06	146	1025134	46.105	ng		99
15) Benzyl Alcohol	7.96	79	602394	29.219	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	945546	46.911	ng	#	1
17) 2-Methylphenol	8.15	107	584623	33.646	ng		99
18) Hexachloroethane	8.80	117	1941896	229.810	ng	#	1
19) n-Nitroso-di-n-propylamine	8.52	70	958289	47.701	ng		100
20) 3+4-Methylphenols	8.48	107	753052	31.385	ng	#	85
22) Acetophenone	8.53	105	1626745	45.897	ng	#	99
24) Nitrobenzene	8.92	77	1325844	45.761	ng		99
25) Isophorone	9.44	82	2461988	55.279	ng		100
26) 2-Nitrophenol	9.62	139	525176	45.516	ng		96
27) 2,4-Dimethylphenol	9.67	122	831263	49.326	ng		99
28) bis(2-Chloroethoxy)methane	9.92	93	1436878	49.890	ng		99
29) 2,4-Dichlorophenol	10.15	162	870953	45.009	ng		100
30) 1,2,4-Trichlorobenzene	10.35	180	1012170	45.293	ng		99
31) Naphthalene	10.55	128	20952115	332.859	ng	#	90
32) Benzoic acid	9.89	122	1160899	78.970	ng	#	23
33) 4-Chloroaniline	10.67	127	885202	31.460	ng		99
34) Hexachlorobutadiene	10.80	225	549255	42.344	ng		100
35) Caprolactam	11.49	113	1238	0.157	ng	#	1
36) 4-Chloro-3-methylphenol	11.79	107	978221	41.929	ng		99
37) 2-Methylnaphthalene	12.16	142	7050748	159.095	ng		99
38) 1-Methylnaphthalene	12.38	142	4083355	94.223	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1106927	44.932	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1132571	89.920	ng		98
43) 2,4,6-Trichlorophenol	12.77	196	760547	46.635	ng		98
44) 2,4,5-Trichlorophenol	12.85	196	813747	47.605	ng		98
46) 1,1'-Biphenyl	13.18	154	3036848	45.811	ng		99
47) 2-Chloronaphthalene	13.22	162	2368937	46.267	ng		98
48) 2-Nitroaniline	13.45	65	894824	52.621	ng		99
49) Acenaphthylene	14.07	152	3906005	51.233	ng		99
50) Dimethylphthalate	13.82	163	3104875	48.377	ng		99
51) 2,6-Dinitrotoluene	13.95	165	700277	50.368	ng		96
52) Acenaphthene	14.42	154	2251730	48.167	ng		100
53) 3-Nitroaniline	14.28	138	480737	30.603	ng		97
54) 2,4-Dinitrophenol	14.49	184	644175	73.523	ng		96
55) Dibenzofuran	14.75	168	3703051	48.193	ng		99
56) 4-Nitrophenol	14.59	139	379995	30.302	ng		97
57) 2,4-Dinitrotoluene	14.74	165	997062	52.050	ng		99
58) Fluorene	15.40	166	3068360	52.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	752359	49.795	ng		99
60) Diethylphthalate	15.19	149	3275051	49.468	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1505237	45.670	ng		98
62) 4-Nitroaniline	15.45	138	653246	42.417	ng		99
63) Azobenzene	15.69	77	3496783	49.260	ng		100
65) 4,6-Dinitro-2-methylphenol	15.50	198	468620	37.695	ng		96
66) n-Nitrosodiphenylamine	15.62	169	2701088	48.284	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	915982	46.217	ng		98
68) Hexachlorobenzene	16.40	284	1054052	45.755	ng		98
69) Atrazine	16.58	200	862343	47.815	ng		99
70) Pentachlorophenol	16.75	266	1350093	91.020	ng		100
71) Phenanthrene	17.14	178	4812444	50.574	ng		100
72) Anthracene	17.24	178	4926143	53.187	ng		99
73) Carbazole	17.52	167	4600251	47.541	ng		99
74) Di-n-butylphthalate	18.07	149	5819061	52.289	ng		100
75) Fluoranthene	19.17	202	5621091	51.139	ng		98
77) Benzidine	19.39	184	1051	0.026	ng	#	1
78) Pyrene	19.53	202	5737739	55.024	ng		99
80) Butylbenzylphthalate	20.44	149	2850411	59.979	ng		98
81) Benzo(a)anthracene	21.29	228	5417998	51.768	ng		100
82) 3,3'-Dichlorobenzidine	21.23	252	128145	3.098	ng		98
83) Chrysene	21.34	228	5045150	50.293	ng		99
84) Bis(2-ethylhexyl)phthalate	21.21	149	4097769	58.913	ng		99
85) Di-n-octyl phthalate	22.09	149	6854629	58.635	ng		100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4706044	40.633	ng		100
88) Benzo(b)fluoranthene	22.88	252	4765293	54.905	ng		99
89) Benzo(k)fluoranthene	22.92	252	4764405	55.140	ng		100
90) Benzo(a)pyrene	23.46	252	4423666	53.803	ng		98
91) Dibenzo(a,h)anthracene	25.86	278	4043551	49.640	ng		99
92) Benzo(g,h,i)perylene	26.54	276	3700116	48.791	ng		99

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

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