Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018965.D
Acq On : 28 Feb 2019 12:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 01:12:23 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	195254	20.00	ng		-0.03
21) Naphthalene-d8	10.47	136	897915	20.00	ng		-0.03
39) Acenaphthene-d10	14.34	164	536068	20.00	ng		-0.02
64) Phenanthrene-d10	17.09	188	1205206	20.00	ng		-0.02
76) Chrysene-d12	21.29	240	1371269	20.00	ng		-0.02
87) Perylene-d12	23.54	264	1248030	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	957014	80.31	ng		-0.02
7) Phenol-d6	6.86	99	1511029	90.01	ng		-0.02
23) Nitrobenzene-d5	8.86	82	1619124	83.38	ng		-0.03
42) 2,4,6-Tribromophenol	15.84	330	676720	87.58	ng		-0.02
45) 2-Fluorobiphenyl	12.95	172	3358898	83.18	ng		-0.03
79) Terphenyl-d14	19.73	244	5690849	85.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	181036	34.879	ng		99
3) Pyridine	3.64	79	585277	41.340	ng		99
4) n-Nitrosodimethylamine	3.56	42	150539	41.797	ng		88
6) Aniline	7.03	93	911512	44.314	ng		99
8) 2-Chlorophenol	7.25	128	572861	43.785	ng		99
9) Benzaldehyde	6.85	77	398219	44.793	ng		99
10) Phenol	6.89	94	783087	44.332	ng		98
11) bis(2-Chloroethyl)ether	7.13	93	582969	43.264	ng		99
12) 1,3-Dichlorobenzene	7.57	146	605993	41.191	ng		98
13) 1,4-Dichlorobenzene	7.72	146	625992	41.796	ng		99
14) 1,2-Dichlorobenzene	8.03	146	616140	42.827	ng		99
15) Benzyl Alcohol	7.94	79	625338	46.879	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	589649	45.213	ng		98
17) 2-Methylphenol	8.13	107	506263	45.030	ng		98
18) Hexachloroethane	8.75	117	228394	41.774	ng		97
19) n-Nitroso-di-n-propylamine	8.50	70	601183	46.251	ng		99
20) 3+4-Methylphenols	8.46	107	720463	46.408	ng		99
22) Acetophenone	8.52	105	1021235	41.415	ng	#	98
24) Nitrobenzene	8.90	77	825221	40.939	ng		99
25) Isophorone	9.42	82	1305243	42.125	ng		100
26) 2-Nitrophenol	9.60	139	353518	44.039	ng		99
27) 2,4-Dimethylphenol	9.66	122	495596	42.271	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	831060	41.477	ng		100
29) 2,4-Dichlorophenol	10.13	162	587796	43.662	ng		100
30) 1,2,4-Trichlorobenzene	10.33	180	639742	41.149	ng		98
31) Naphthalene	10.53	128	1825247	41.680	ng		99
32) Benzoic acid	9.81	122	366146	35.801	ng		94
33) 4-Chloroaniline	10.65	127	847329	43.285	ng		99
34) Hexachlorobutadiene	10.79	225	357596	39.626	ng		99
35) Caprolactam	11.47	113	224681	40.894	ng		95
36) 4-Chloro-3-methylphenol	11.77	107	709772	43.729	ng		98
37) 2-Methylnaphthalene	12.14	142	1315722	42.674	ng		99
38) 1-Methylnaphthalene	12.36	142	1287651	42.708	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	702335	40.956	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	212695	24.260 ng	97
43) 2,4,6-Trichlorophenol	12.76	196	487225	42.919 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	504384	42.390 ng	98
46) 1,1'-Biphenyl	13.17	154	1930976	41.847 ng	100
47) 2-Chloronaphthalene	13.21	162	1494390	41.929 ng	99
48) 2-Nitroaniline	13.43	65	527757	44.585 ng	100
49) Acenaphthylene	14.06	152	2242496	42.256 ng	100
50) Dimethylphthalate	13.81	163	1795517	40.190 ng	100
51) 2,6-Dinitrotoluene	13.93	165	408220	42.181 ng	98
52) Acenaphthene	14.40	154	1361447	41.838 ng	100
53) 3-Nitroaniline	14.27	138	450922	41.237 ng	98
54) 2,4-Dinitrophenol	14.48	184	97111	20.437 ng	97
55) Dibenzofuran	14.74	168	2226625	41.630 ng	100
56) 4-Nitrophenol	14.58	139	402618	46.124 ng	98
57) 2,4-Dinitrotoluene	14.73	165	572426	42.929 ng	98
58) Fluorene	15.39	166	1716351	41.946 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	431038	40.984 ng	98
60) Diethylphthalate	15.17	149	1854553	40.242 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	935629	40.782 ng	100
62) 4-Nitroaniline	15.44	138	438980	40.949 ng	99
63) Azobenzene	15.68	77	2113649	42.775 ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	236203	27.914 ng	98
66) n-Nitrosodiphenylamine	15.61	169	1608276	42.237 ng	99
67) 4-Bromophenyl-phenylether	16.29	248	558613	41.409 ng	99
68) Hexachlorobenzene	16.39	284	656725	41.882 ng	98
69) Atrazine	16.56	200	424996	34.621 ng	98
70) Pentachlorophenol	16.74	266	400612	39.679 ng	99
71) Phenanthrene	17.13	178	2707684	41.805 ng	100
72) Anthracene	17.23	178	2676469	42.455 ng	100
73) Carbazole	17.50	167	2821021	42.831 ng	99
74) Di-n-butylphthalate	18.06	149	3237179	42.736 ng	100
75) Fluoranthene	19.16	202	3172968	42.410 ng	98
77) Benzidine	19.36	184	1458443	47.225 ng	100
78) Pyrene	19.52	202	3359191	42.179 ng	99
80) Butylbenzylphthalate	20.43	149	1609865	44.354 ng	99
81) Benzo(a)anthracene	21.27	228	3307920	41.383 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1337775	42.347 ng	99
83) Chrysene	21.33	228	3184730	41.568 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2388216	44.956 ng	99
85) Di-n-octyl phthalate	22.07	149	4155153	46.538 ng	100
86) Indeno(1,2,3-cd)pyrene	25.82	276	3096718	35.009 ng	100
88) Benzo(b)fluoranthene	22.86	252	3157856	44.225 ng	99
89) Benzo(k)fluoranthene	22.91	252	3004513	42.265 ng	99
90) Benzo(a)pyrene	23.44	252	2824543	41.757 ng	98
91) Dibenzo(a,h)anthracene	25.83	278	2674149	39.903 ng	99
92) Benzo(g,h,i)perylene	26.52	276	2465085	39.510 ng	99

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

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