Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017176.D
Acq On : 18 Oct 2018 01:59
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 18 13:02:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	229222	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	976711	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	571527	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1310442	20.00	ng		0.00
76) Chrysene-d12	21.26	240	1500124	20.00	ng		0.00
87) Perylene-d12	23.47	264	1541046	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1072574	79.14	ng		0.00
7) Phenol-d6	6.85	99	1455930	78.88	ng		0.00
23) Nitrobenzene-d5	8.83	82	1440204	86.24	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	642133	83.08	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3436307	80.00	ng		0.00
79) Terphenyl-d14	19.70	244	5462954	82.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	256911	37.123	ng	#	86
3) Pyridine	3.65	79	632622	39.728	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	252712	39.533	ng	#	70
6) Aniline	7.01	93	900222	38.992	ng		97
8) 2-Chlorophenol	7.24	128	626791	39.977	ng		97
9) Benzaldehyde	6.83	77	430489	36.578	ng		96
10) Phenol	6.88	94	767947	38.658	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	611934	38.642	ng		97
12) 1,3-Dichlorobenzene	7.56	146	712077	38.960	ng		98
13) 1,4-Dichlorobenzene	7.70	146	730501	39.120	ng		98
14) 1,2-Dichlorobenzene	8.02	146	700681	38.945	ng		98
15) Benzyl Alcohol	7.92	79	568736	42.154	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	802203	36.259	ng		100
17) 2-Methylphenol	8.12	107	506244	39.703	ng		97
18) Hexachloroethane	8.73	117	253811	39.717	ng		96
19) n-Nitroso-di-n-propylamine	8.48	70	493442	40.599	ng		98
20) 3+4-Methylphenols	8.44	107	706743	40.525	ng		97
22) Acetophenone	8.49	105	979831	39.576	ng	#	99
24) Nitrobenzene	8.87	77	733646	41.531	ng		94
25) Isophorone	9.39	82	1137249	41.240	ng		98
26) 2-Nitrophenol	9.57	139	329346	40.807	ng		95
27) 2,4-Dimethylphenol	9.63	122	500686	41.061	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	782167	40.298	ng		99
29) 2,4-Dichlorophenol	10.10	162	602245	42.538	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	683276	40.231	ng		97
31) Naphthalene	10.50	128	1891678	39.522	ng		100
32) Benzoic acid	9.77	122	393808	43.284	ng		95
33) 4-Chloroaniline	10.62	127	845040	40.878	ng		97
34) Hexachlorobutadiene	10.78	225	432750	40.213	ng		99
35) Caprolactam	11.41	113	205389	39.807	ng		94
36) 4-Chloro-3-methylphenol	11.75	107	668922	41.916	ng		97
37) 2-Methylnaphthalene	12.12	142	1327276	40.523	ng		98
38) 1-Methylnaphthalene	12.33	142	1303843	40.900	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	803356	39.914	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	447830	46.025 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	505321	43.249 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	539666	43.073 ng	97
46) 1,1'-Biphenyl	13.14	154	2029938	39.469 ng	100
47) 2-Chloronaphthalene	13.18	162	1519373	40.156 ng	98
48) 2-Nitroaniline	13.39	65	434945	41.555 ng	96
49) Acenaphthylene	14.03	152	2268306	41.359 ng	99
50) Dimethylphthalate	13.78	163	1809894	41.047 ng	100
51) 2,6-Dinitrotoluene	13.90	165	405077	41.740 ng	94
52) Acenaphthene	14.38	154	1364447	39.624 ng	99
53) 3-Nitroaniline	14.23	138	429871	40.898 ng	92
54) 2,4-Dinitrophenol	14.43	184	212608	41.729 ng	95
55) Dibenzofuran	14.72	168	2268906	39.622 ng	99
56) 4-Nitrophenol	14.54	139	356868	39.774 ng	92
57) 2,4-Dinitrotoluene	14.69	165	549184	42.103 ng	97
58) Fluorene	15.37	166	1718860	40.553 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	486479	42.596 ng	97
60) Diethylphthalate	15.15	149	1850020	42.307 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	976159	40.397 ng	96
62) 4-Nitroaniline	15.40	138	461008	40.163 ng	94
63) Azobenzene	15.66	77	1756588	41.329 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	339091	41.420 ng	93
66) n-Nitrosodiphenylamine	15.58	169	1647236	41.547 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	600984	41.768 ng	97
68) Hexachlorobenzene	16.37	284	670416	40.111 ng	99
69) Atrazine	16.54	200	594077	41.866 ng	99
70) Pentachlorophenol	16.72	266	480133	41.934 ng	98
71) Phenanthrene	17.10	178	2790551	39.469 ng	99
72) Anthracene	17.20	178	2781753	41.407 ng	100
73) Carbazole	17.47	167	2835598	41.320 ng	99
74) Di-n-butylphthalate	18.04	149	3084473	42.615 ng	99
75) Fluoranthene	19.13	202	3282223	41.255 ng	100
77) Benzidine	19.32	184	1726610	45.392 ng	99
78) Pyrene	19.49	202	3473778	41.432 ng	100
80) Butylbenzylphthalate	20.40	149	1375565	43.845 ng	97
81) Benzo(a)anthracene	21.24	228	3412216	40.420 ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1340517	42.606 ng	98
83) Chrysene	21.29	228	3338300	39.952 ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2056432	42.777 ng	99
85) Di-n-octyl phthalate	22.06	149	3370341	41.596 ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	3771701	40.358 ng	99
88) Benzo(b)fluoranthene	22.81	252	3310914	39.297 ng	100
89) Benzo(k)fluoranthene	22.85	252	3448227	40.787 ng	99
90) Benzo(a)pyrene	23.37	252	3212427	40.157 ng	99
91) Dibenzo(a,h)anthracene	25.70	278	3189064	40.147 ng	98
92) Benzo(g,h,i)perylene	26.36	276	3126854	39.717 ng	99

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

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